AMENDMENT #A00003
MARCH 12, 2015

EXPAND CLINICS FOR PACT
DVA MEDICAL CENTER
IOWA CITY, IOWA

VA PROJECT #636-201

BID DATE: _____ P.M. CENTRAL TIME

The information contained in this Addendum modifies, supplements or replaces information contained in the Project Manual and on the Drawings and is hereby made a part of the Contract Documents.

Acknowledge receipt of this Addendum by placing the appropriate addendum number in the blank on the Bid Form.

AMENDMENT INDEX

APPLICABLE TO THE PROJECT MANUAL:	Item #1 through Item #3 inclusive.
APPLICABLE TO THE DRAWINGS:	Item #4 through Item #7 inclusive.
ATTACHMENT(S):	Section 09 06 00 Schedule for Finishes (**REVISED**) Section 12 23 00 Manufactured Wood Casework (**REVISED**) Section 28 31 00 Fire Detection and Alarm (**REVISED**) SHEETS 1-G4, 1-S2, 1-S8, 1-S9, 1-S10, 1-S13, 1-S14, 1-S15, 1-S16, 1-S17, 1-S20, 1-S23, 1-A2, 1-A3, 1-A9, 1-A29.

APPLICABLE TO THE PROJECT MANUAL:

ITEM #1 SECTION 09 06 00 – SCHEDULE FOR FINISHES

A. A **REVISED** Section 09 06 00 – Schedule for Finishes is attached.

ITEM #2 SECTION 12 32 00 – MANUFACTURED WOOD CASWORK

A. A **REVISED** Section 12 23 00 – Manufactured Wood Casework is attached.

ITEM #3 SECTION 28 31 00 – FIRE DETECTION AND ALARM

A. A **REVISED** Section 28 31 00 – Fire Detection and Alarm is attached.

APPLICABLE TO THE DRAWINGS:

ITEM #4 SHEETS 1-S2, 1-S8, 1-S9, 1-S10, 1-S13, 1-S14, 1-S15, 1-S16, 1-S17, 1-S20, 1-S23 - **CLARIFICATION**

A. Clarifications and adjustments as shown.

ITEM #5 SHEETS 1-A2, 1-A3, 1-A9 – **LOCATIONS FOR ABATEMENT**

A. Areas requiring abatement and areas possibly requiring abetment have been identified on the demolition drawings.

ITEM #6 SHEETS 1-G4, 1-A24, 1-A29 - **CLARIFICATION**

A. Exterior door 1CP06 shall be rated 45 min.

B. Exterior wall shall require 1-hour rated construction where indicated.

ITEM #7 SHEETS 1-P7, 1-A6, 1-A7 - **CLARIFICATION**

A. Reroute the 3” primary roof drain serving existing-to-remain entrance door roof, Sheet 1-A6 gridlines “AA” and “0.5 to 0.6”; to combine into the 3” riser of roof drain for roof infill, Sheet 1-A7 gridlines “CL to AA” and “0.5 to 0.6”.

B. Reroute the 3” secondary roof drain serving existing-to-remain entrance door roof, Sheet 1-A6 gridlines “AA” and “0.5 to 0.6”; to route down through noted remodeled walls. Demolish below grade piping as needed for reconnection. Also include a secondary drain for roof infill, Sheet 1-A7 gridlines “CL to AA” and “0.5 to 0.6”, and connect to rerouted existing secondary drain riser.

SUPPLEMENTAL DRAWINGS: Indicating supplemental drawings issued for reference only, all information shown to be verified in field.

NONE.

END OF AMENDMENT #A00003

SECTION 09 06 00
SCHEDULE FOR FINISHES

SECTION 09 06 00–SCHEDULE FOR FINISHES

VAMC: Iowa City Veterans Administration Health Care System

Location: Iowa City, Iowa

Project no. and Name: Expand Bldg 1 for PACT

Submission 100%

Date: 11-01-2014

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SECTION 09 06 00
SCHEDULE FOR FINISHES

PART I – GENERAL

1.1 DESCRIPTION

This section contains a coordinated system in which requirements for materials specified in other sections shown are identified by abbreviated material names and finish codes in the room finish schedule or shown for other locations.

1.2 MANUFACTURERS

Manufacturer’s trade names and numbers used herein are only to identify colors, finishes, textures and patterns. Products of other manufacturer’s equivalent to colors, finishes, textures and patterns of manufacturers listed that meet requirements of technical specifications will be acceptable upon approval in writing by contracting officer for finish requirements.

1.3 SUBMITALS

Submit in accordance with SECTION 01 33 23, SHOP DRAWINGS, PRODUCT DATA, AND SAMPLES—provide quadruplicate samples for color approval of materials and finishes specified in this section.

1.4 APPLICABLE PUBLICATIONS

A. Publications listed below form a part of this specification to the extent referenced. Publications are referenced in text by basic designation only.

B. MASTER PAINTING INSTITUTE: (MPI)

2001.....Architectural Painting Specification Manual

PART 2- PRODUCTS

2.1 DIGITAL COLOR PHOTOS

A. Size 24 x 35 mm.

B. Labeled for:

1. Building name and Number.

2. Room Name and Number.

2.2 DIVISION 05 - METALS

F. SECTION 05 51 00, METAL STAIRS

Component	Finish	Color
Newel Posts		P-1
Guard Rails		P-1
Handrails		P-1

2.3 DIVISION 06 WOOD, PLASTICS, AND COMPOSITES

B. SECTION 06 20 00, FINISH CARPENTRY

12. VANITIES (TYPES S4, S4 M)

Room No. and Name	Component	Finish/Color

1W38, 1W38A, 1W200A, 1W232, 1W148, 1W148A, 2W05, 2W210, 3W200, 3W202, 1W231, 1W222, 1W210, 1W112, 1W112A, 1W134, 2W206	Countertop	Corian Burled Beach

2.4 DIVISION 08 – OPENINGS

A. SECTION 08 11 13, HOLLOW METAL DOORS AND FRAMES

Paint both sides of door and frames same color including ferrous metal louvers, and hardware attached to door	
Component	Color of Paint Type and Gloss
Door	Sherwin Williams-SW7048 Insl-x Urbane Bronze
Frame	Sherwin Williams-SW7048 Insl-x Urbane Bronze

B. SECTION 08 14 00, WOOD DOORS

Component	Finish/Color
Doors	Rotary Cut Light Birch, clear coat
Frames	Sherwin Williams-SW7048 Insl-x Urbane Bronze

C. SECTION 08 31 13, ACCESS DOORS AND FRAMES

Material	Finish/Color
Steel	P-1
Stainless Steel	Stainless Steel

D. SECTION 08 41 13, ALUMINUM-FRAMED ENTRANCES AND STOREFRONTS

Material	Finish	Manufacturer	Manufacturer Color Name/No.
Aluminum			
Glass			Dark Bronze

E. SECTION 08 51 13.11, SIDE-HINGED ALUMINUM WINDOWS

Finish	Ext. Glazing	Blind color	Int. Glazing	Manufacturer	Mfg. Color Name/No.

F. WINDOW SILLS

Room No. and Name	Material	Finish
	Aluminum (With Windows)	
	SECTION 04 72 00,CAST STONE MASONRY	

G. WINDOW STOOLS

Room No. and Name	Material	Finish
	Corian	Burled Beach

H. SECTION 08 44 13, GLAZED ALUMINUM CURTAIN WALLS

Component	Material	Finish	Manufacturer	Mfg. Color Name/No.
Frame				Dark Bronze

Glazing				Dark Bronze

2.5 DIVISION 09 - FINISHES

A. SECTION 09 30 13, CERAMIC TILING

2. SECTION 09 30 13, CERAMIC TILING		
Finish code	Manufacturer	Mfg. Color Name/No
CT-1	Caesar	Uniqua
CT-2	Caesar	Uniqua

B. SECTION 09 66 16, TERRAZZO TILE (TT)

Size	Manufacturer	Color Pattern/Name/No.
12x12	Fritz Tile	Classic Terrazzo-Amarretto

C. SECTION 09 51 00, ACOUSTICAL CEILINGS

Finish Code	Component	Color Pattern	Manufacturer	Mfg Name/No.
ACT-1	Exposed Suspension System	White/tegular	Armstrong	Cirrus #584
ACT-2	Type III	White	Armstrong	Clean Room VL #868

D. SECTION 09 65 19, RESILIENT TILE FLOORING

Finish Code	Size	Material/Component	Manufacturer	Mfg Name/No.
L-1	13x13	Linoleum	Forbo	Dual Tile-Rosato
L-3	13x13	Linoleum	Forbo	Dual Tile-Dove Grey

E. SECTION 09 65 16, VINYL SHEET FLOORING, HEAT WELDED SEAMS (WSF)

Finish Code	Pattern name	Manufacturer	Mfg. Color Name/No.
L-2	Marmoleum Real	Forbo	Eiger
L-4	Marmoleum Real	Forbo	Dove Grey
SVF-1	Forestscapes	Teknoflor	Fruitwood
SVF-2	Forestscapes	Teknoflor	Black Walnut

1. SECTION 09 65 16, WELDING RODS (WSF)

Finish code	Manufacturer	Mfg. Color Name/No.
WSF-1	Forbo	To match Real Dove Grey
WSF-2	Teknoflor	To match Forestscapes Fruitwood
WSF-3	Teknoflor	To match Forestscapes Black Walnut

F. SECTION 09 65 13, RESILIENT BASE STAIR TREADS AND ACCESSORIES

Finish Code	Item	Height	Manufacturer	Mfg Name/No.
RB	Rubber Base (RB)		Roppe	Black Brown

RST	Resilient Stair Treads (RST)		Roppe	Style: 95 Color: Black Brown

H. SECTION 09 68 00, CARPET MODULES (CFT)

Finish Code	Size	Pattern direction	Manufacturer	Mfg. Color Name/No.
CPT-1	12X12	Quarter Turn	Lees	Beautiful Abandon-Character Lines-Artifact
CPT-2	12X12	Quarter Turn	Lees	Beautiful Abandon-Character Lines-Industrial Patina

P. SECTION 09 67 23, EPOXY RESINOUS FLOORING (ERF)

Finish code	Manufacturer	Mfg. Color Name/No.
ERF	Dur-a-flex	Polycrete Q28-17

J. SECTION 09 91 00, PAINT AND COATINGS

1. MPI Gloss and Sheen Standards

		Gloss @60	Sheen @85
Gloss Level 1	a traditional matte finish-flat	max 5 units, and	max 10 units
Gloss Level 2	a high side sheen flat-“a velvet-like” finish	max 10 units, and	10-35 units
Gloss Level 3	a traditional “egg-shell like” finish	10-25 units, and	10-35 units
Gloss Level 4	a “satin-like” finish	20-35 units, and	min. 35 units
Gloss Level 5	a traditional semi-gloss	35-70 units	
Gloss Level 6	a traditional gloss	70-85 units	

Gloss level 7 a high gloss more than 85 units

2. Paint code	Gloss	Manufacturer	Mfg. Color Name/No.
P-1	Level 5	Sherwin Williams	SW6126 Navajo White
P-2	Level 5	Sherwin Williams	SW7048 Urbane Bronze
P-3	Level 5	Sherwin Williams	SW6142 Macadamia
P-4	Level 5	Sherwin Williams	SW6026 Oyster Bay
P-5	Level 5	Sherwin Williams	SW7738 Cargo Pants
P-6	Level 5	Sherwin Williams	SW7739 Herbal Wash
P-7	Level 5	Sherwin Williams	

Finish Code	Manufacturer	Mfg. Color Name/No.
VWC	Koroseal	Traces-Pesto

2.6 DIVISION 10 - SPECIALTIES

B. SECTION 10 21 23, HOSPITAL CUBILCE CURTAINS

Finish Code	Manufacturer	Mfg. Color Name/No.
CC	ARC COM	Woodland Way Jewel #5

C. SECTION 10 26 00, WALL GUARDS AND CORNER GUARDS

Item	Material **Code**	Manufacturer	Mfg. Color Name/No.
Corner Guards		Inpro Corporation	Monterey 0110
Wall Guard/Handrails	**WP1**	Inpro Corporation	800 series color-0256 Castle
Wall Guard		Korogard	Lava

D. SECTION 10 28 00 / 10 14 00 / 11 17 36, MISCELLANEOUS SPECIALITIES

Room No. and Name	Item	Finish	Manufacturer	Mfg. Color Name/No.
	Mop racks	Stainless Steel		

G. SECTION 10 22 26.13, FOLDING PANEL PARTITION (FP)

Room No. and Name	Component	Material	Manufacturer	Mfg. Color Name/No.
Chapel 3W19D	Panel Face			
	Panel Edge			

2.7 DIVISION 12 - FURNISHINGS

A. SECTION 12 32 00, WOOD CASEWORK

Room Number	Location	Finish/Color
All vertical casework is to be PL-1	Vertical Surface	Plastic Laminate-Wilsonart-Monticello Maple
All solid surface is to be SS-1	Countertop	Corian-Burled Beach

B. SECTION 12 24 00, WINDOW SHADES

Component	Material	Manufacturer	Mfg. Color Name/No.
Shade Cloth			
Venetian Blinds			

Support Hardware			

PART III EXECUTION

2.8 FINISH SCHEDULES & MISCELLANEOUS ABBREVIATIONS

FINISH SCHEDULE & MISCELLANEOUS ABBREVIATIONS	
Term	Abbreviation
Access Flooring	AF
Accordion Folding Partition	AFP
Acoustical Ceiling	AT
Acoustical Ceiling, Special Faced	AT (SP)
Acoustical Metal Pan Ceiling	AMP
Acoustical Wall Panel	AWP
Acoustical Wall Treatment	AWT
Acoustical Wallcovering	AWF
Anodized Aluminum Colored	AAC
Anodized Aluminum Natural Finish	AA
Baked On Enamel	BE
Brick Face	BR
Brick Flooring	BF
Brick Paving	BP
Carpet	CP
Carpet Athletic Flooring	CAF
Carpet Module Tile	CPT
Ceramic Glazed Facing	CGFB
Brick	
Ceramic Mosaic Tile	FTCT
Concrete	C
Concrete Masonry Unit	CMU
Cubicle Curtain	CC
Divider Strips Marble	DS MB
Epoxy Coating	EC
Epoxy Resin Flooring	ERF
Existing	E
Exposed Divider Strips	EXP
Exterior	EXT
Exterior Finish System	EFS
Exterior Paint	EXT-P
Exterior Stain	EXT-ST
Fabric Wallcovering	WF
Facing Tile	SCT
Feature Strips	FS
Floor Mats & Frames	FM
Floor Tile, Mosaic	FT
Fluorocarbon	FC
Folding Panel Partition	FP
Foot Grille	FG
Glass Masonry Unit	GUMU
Glazed Face CMU	GCMU
Glazed Structural Facing Tile	SFTU
Granite	GT
Gypsum Wallboard	GWB
High Glazed Coating	SC

Latex Mastic Flooring	LM
Linear Metal Ceiling	LMC
Linear Wood Ceiling	LWC
Linoleum	L
Marble	MB
Material	MAT
Mortar	M
Multi-Color Coating	MC
Natural Finish	NF
Paint	P
Paver Tile	PVT
Perforated Metal Facing (Tile or Panels)	PMF
Plaster	PL
Plaster High Strength	HSPL
Plaster Keene Cement	KC
Plastic Laminate	HPDL
Polypropylene Fabric Wallcovering	PFW
Porcelain Paver Tile	PPT
Porcelain Tile	PT
Quarry Tile	QT
Radiant Ceiling Panel System	RCP
Resilient Stair Tread	RST
Rubber Base	RB
Rubber Tile Flooring	RT
Solid Surface	SS

Spandrel Glass	SLG
Stain	ST
Stone Flooring	SF
Structural Clay	SC
Suspension Decorative Grids Grids	SDG
Terrazzo Portland Cement	PCT
Terrazzo Tile	TT
Terrazzo, Thin Set	
Textured Gypsum Ceiling Panel	TGC
Textured Metal Ceiling Panel	TMC
Thin set Terrazzo	TST
Veneer Plaster	VP
Vinyl Base	VB
Vinyl Coated Fabric Wallcovering	W
Vinyl Composition Tile	VCT
Vinyl Sheet Flooring	VSF
Vinyl Sheet Flooring (Welded Seams)	WSF
Wall Border	WB
Wall Protection	WP
Wood	WD

2.9 FINSIH SCHEDULE SYMBOLS

Symbol Definition
** Same finish as adjoining walls
- No color required
E Existing
XX To match existing
EFTR Existing finish to remain

RM Remove

2.10 ROOM FINISH SCHEDULE

A. Match adjoining or existing similar surfaces colors, textures or patterns where disturbed or damaged by alterations or new work when not scheduled.

B. ROOM FINISH SCHEDULE

Room No. and Name		FLOOR			BASE		WALL		WAINSCOT		CEILING		REMARKS
		MAT	FC		MAT	FCC	MAT	FCC	MAT	FC	MAT	FCC	
SOUTH ENTRY LOBBY BCP01		C	L1	N		RB		P-1			GWB		
				E		RB		P-1					
				S		RB		P-1					
				W		RB		P-1					
				C		RB		P-1					
CORRIDOR BCP02		C	L1	N		RB		P-1			AT-1		
				E		RB		P-1					
				S		RB		P-1					
				W		RB		P-1					
				C		RB		P-1					
ELEC BW200		C	C	N		RB		P-1			NONE		
				E		RB		P-1					
				S		RB		P-1					
				W		RB		P-1					

				C		RB		P-1			NONE	
COMM BW201		C	C	N		RB		P-1				
				E		RB		P-1				
				S		RB		P-1				
				W		RB		P-1				
				C		RB		P-1			NONE	
MECH BW202		C	C	N		RB		P-1				
				E		RB		P-1				
				S		RB		P-1				
				W		RB		P-1				
				C		RB		P-1			NONE	
PHARMACY CACHE BW204		C	C	N		RB		P-1				
				E		RB		P-1				
				S		RB		P-1				
				W		RB		P-1				
				C		RB		P-1				

Room No. and Name	FLOOR			BASE		WALL		WAINSCOT		CEILING		REMARKS
PATIENT FAMILY WAITING 1W36	MAT C	FC CP1		MAT	FCC	MAT	FCC	MAT	FC	MAT	FC C	
			N		RB		P-1			AT-1		
			E		RB		P-1					
			S		RB		P-1					
			W		RB		P-1					
			C		RB		P-1					
PUBLIC/ STAFF/ PATIENT TOILETS 1W38 1W38A 1W200A 1W230B 1W148 1W148A 1W231 1W222 1W210 1W112 1W112A 1W134	C	PT1	N		PT-1		PT-2			AT-1		
			E		PT-1		PT-2					
			S		PT-1		PT-2					
			W		PT-1		PT-2					
			C		PT-1		PT-2					

ELIGIBILITY & ENROLLMENT 1W36A 1W36B	C	CP1	N		RB		P-1			AT-1	
			E		RB		P-1				
			S		RB		P-1				
			W		RB		P-1				
			C		RB		P-1				
ELIGIBILITY & ENROLLMENT WK STATIONS 1W36C 1W36E	C	CP1	N		RB		P-1			AT-1	
			E		RB		P-1				
			S		RB		P-1				
			W		RB		P-1				
BREAK ALCOVE 1W36F	**C**	**L-1**	C		RB **RB** **RB** **RB** **RB**		P-1 **P-1** **P-1** **P-1** **P-1**			**AT-1**	
PHOTO ALCOVE 1W36D	C	CP1	N		RB		P-1			AT-1	
			E		RB		P-1				
			S		RB		P-1				
			W		RB		P-1				
			C		RB		P-1				
BREAK ALCOVE 1W36K	C	L1	N		RB		P-1			AT-1	
			E		RB		P-1				
			S		RB		P-1				
			W		RB		P-1				
			C		RB		P-1				

WHEELCHAIR ALCOVE 1W38B	C	TT	N E S W C		CB CB CB CB CB		~~VWC~~ **WP1** ~~VWC~~ **WP1** ~~VWC~~ **WP1** ~~VWC~~ **WP1** ~~VWC~~ **WP1**			AT-1	
RECEPTION 1W106	C	L1	E		RB		P-1				
			S		RB		P-1				
			W		RB		P-1				
			C		RB		P-1				
			C		RB		P-1				
ENTRY VESTIBULE 1CW04	C	TT	N		CB		VWC			AT-1	Grind new tile edge to create ramp to match thickness of existing tile.
			E		CB		VWC				
			S		CB		VWC				
			W		CB		VWC				
			C		CB		VWC				
STAFF WK ROOM 1W106A	C	L1	N		RB		P-1			AT-1	
			E		RB		P-1				
			S		RB		P-1				
			W		RB		P-1				
			C		RB		P-1				
CALL CENTER 1W106B	C	L1	N		RB		P-1			AT-1	

			E		RB		P-1				
			S		RB		P-1				
			W		RB		P-1				
			C		RB		P-1				
WAITING 1W107	C	CP1	N		RB		P-1			AT-1	
			E		RB		P-6				
			S		RB		P-1				
			W		RB		P-1				
			C		RB		P-1				
VENDING ALCOVE 1W107A	C	L2	N		RB		P-1			AT-1	
			E		RB		P-1				
			S		RB		P-1				
			W		RB		P-1				
			C		RB		P-1				
MY HEALTH VET 1W107B	C		N		RB		P-1			AT-1	
			E		RB		P-1				
			S		RB		P-1				
			W		RB		P-1				
			C		RB		P-1				
GROUP ROOM 1W108	C	L1	N		RB		P-1			AT-1	

			E		RB		P-1				
			S		RB		P-1				
			W		RB		P-1				
			C		RB		P-1				
PROVIDER WK ROOM 1W109 1W147	C	L3	N		RB		P-1			AT-1	
			E		RB		P-1				
			S		RB		P-1				
			W		RB		P-1				
			C		RB		P-1				
CLEAN MEDS 1W109A 1W126A 1W147B	C	L1	N		RB		P-1			AT-1	
			E		RB		P-1				
			S		RB		P-1				
			W		RB		P-1				
			C		RB		P-1				
SOILED HOLDING 1W109B 1W126B 1W147A 1W225	C	L1	N		RB		P-1			AT-1	

			E		RB		P-1				
			S		RB		P-1				
			W		RB		P-1				
			C		RB		P-1				
SCALE ALCOVE 1W110 1W132 1W152	C	L2	N		RB		P-1			AT-1	
			E		RB		P-1				
			S		RB		P-1				
			W		RB		P-1				
			C		RB		P-1				

EXAMS 1W111 1W113 1W114 1W115 1W116 1W117 1W118 1W119 1W120 1W121 1W122 1W124 1W133 1W135 1W136 1W137 1W138 1W139 1W140 1W141 1W142 1W143 1W144 1W146	C	L4	N		RB		P-1			AT-1	
			E		RB		P-4				
			S		RB		P-1				
			W		RB		P-1				
			C		RB		P-1				

EXAMS 1W215 1W216 1W217 1W218 1W219 1W202	C	L4	N		RB		P-1			1W216- ABUSE RESIST. GWB. ALL OTHERS: AT-1	
			E		RB		P-1				
			S		RB		P-4				
			W		RB		P-1				
			C		RB		P-1				
EXAMS 1W204 1W206 1W211 1W212	C	L4	N		RB		P-1			AT-1	
			E		RB		P-1				
			S		RB		P-4				
			W		RB		P-1				
			C		RB		P-1				
RESIDENT WK ROOM 1W126	C	CP1	N		RB		P-1			AT-1	
			E		RB		P-1				
			S		RB		P-1				
			W		RB		P-1				

			C		RB		P-1				
CHARTING ALCOVE 1W128	C	L1	N		RB		P-1			AT-1	
			E		RB		P-1				
			S		RB		P-1				
			W		RB		P-1				
			C		RB		P-1				
CLINIC COORDINATOR 1W125	C	SVF1	N		RB		P-1			AT-1	
			E		RB		P-1				
			S		RB		P-5				
			W		RB		P-1				
			C		RB		P-1				
CONSULT ROOM 1W127 1W129 1W130 1W131	C	SVF1	N		RB		P-1			AT-1	
			E		RB		P-1				
			S		RB		P-5				
			W		RB		P-1				
			C		RB		P-1				

CRASH CART 1W139B	C	L2	N		RB		P-1			AT-1	
			E		RB		P-1				
			S		RB		P-1				
			W		RB		P-1				
			C		RB		P-1				
EQUIPMENT STORAGE 1W145 1W214	C	L1	N		RB		P-1			AT-1	
			E		RB		P-1				
			S		RB		P-1				
			W		RB		P-1				
			C		RB		P-1				
STAFF LOUNGE 1W151	C	L3	N		RB		P-1			AT-1	
			E		RB		P-1				
			S		RB		P-1				
			W		RB		P-6				
			C		RB		P-1				
STAFF LOUNGE 1W228	C	L3	N		RB		P-6			AT-1	

			E		RB		P-1				
			S		RB		P-1				
			W		RB		P-1				
			C		RB		P-1				
MULTI DISCIPLINARY TEAM WK ROOM 1W153A 1W153B	C	L3	N		RB		P-1			AT-1	
			E		RB		P-1				
			S		RB		P-1				
			W		RB		P-1				
			C		RB		P-1				
HSKP 1W154 1W229	C	L1	N		RB		P-1			AT-1	
			E		RB		P-1				
			S		RB		P-1				
			W		RB		P-1				
			C		RB		P-1				
PATIENT/FAMILY WAITING 1W200	C	CP1	N		RB		P-1			AT-1	
			E		RB		P-3				
			S		RB		P-1				
			W		RB		P-1				

			C		RB		P-1				
TRIAGE 1W200B	C	L3	N		RB		P-1			AT-1	
			E		RB		P-1				
			S		RB		P-1				
			W		RB		P-1				
			C		RB		P-1				
RECEPTION 1W201	C	L1	N		RB		P-1			AT-1	
			E		RB		P-1				
			S		RB		P-1				
			W		RB		P-1				
			C		RB		P-1				
NURSE STATION 1W203 1W207	C	L4	N		RB		P-1			AT-1	SOFFIT ABOVE IS TO BE PAINTED P-4 L2 BORDER SHOULD BE WIDTH OF BORDER ON OPPOSITE SIDE OF THE CORRIDOR
			E		RB		P-1				
			S		RB		P-1				
			W		RB		P-1				
			C		RB		P-4				
PROVIDER WORKROOM 1W205	C	L3	N		RB		P-1			AT-1	

			E		RB		P-1				
			S		RB		P-1				
			W		RB		P-1				
			C		RB		P-3				
MEDS 1W208	C	L4	N		RB		P-1			AT-1	
			E		RB		P-1				
			S		RB		P-1				
			W		RB		P-1				
			C		RB		P-1				
TRAUMA ROOM 1W209	C	L4	N		RB		P-1			AT-2	
			E		RB		P-1				
			S		RB		P-1				
			W		RB		P-1				
			C		RB		P-1				
LINEN 1W213	C	L4	N		RB		P-1			AT-1	
			E		RB		P-1				
			S		RB		P-1				
			W		RB		P-1				
			C		RB		P-1				
DECON 1W220	C	C	N		RB		P-1			AT-1	

			E		RB		P-1				
			S		RB		P-1				
			W		RB		P-1				
			C		RB		P-1				
DECONTAM/TOILET 1W221A 1W221B	C	ERF	N		CB		P-1			WATER RESIST. GWB.	
			E		CB		P-1				
			S		CB		P-1				
			W		CB		P-1				
			C		CB		P-1				
EQUIP STORAGE 1W221C	C	C	N		RB		P-1			AT-1	
			E		RB		P-1				
			S		RB		P-1				
			W		RB		P-1				
			C		RB		P-1				
OBSERVATION ROOM 2 1W223	C	L4	N		RB		P-1			AT-1	
			E		RB		P-1				
			S		RB		P-4				
			W		RB		P-1				

			C		RB		P-1				
NOURISH ALCOVE 1W224	C	L2	N		RB		P-1			AT-1	
			E		RB		P-1				
			S		RB		P-1				
			W		RB		P-1				
			C		RB		P-1				
OFFICE DIRECTOR 1W226	C	SVF1	N		RB		P-5			AT-1	
			E		RB		P-1				
			S		RB		P-1				
			W		RB		P-1				
			C		RB		P-1				
CLEAN SUPPLY 1W227	C	L1	N		RB		P-1			AT-1	
			E		RB		P-1				
			S		RB		P-1				
			W		RB		P-1				
			C		RB		P-1				
ON CALL 1W230A	C	L3	N		RB		P-1			AT-1	
			E		RB		P-1				
			S		RB		P-1				

			W		RB		P-1				
			C		RB		P-1				
ELEC 1W233	C	C	N		RB		P-1			~~AT-1~~ **NONE**	
			E		RB		P-1				
			S		RB		P-1				
			W		RB		P-1				
			C		RB		P-1				
COMM 1W234	C	C	N		RB		P-1			~~AT-1~~ **NONE**	
			E		RB		P-1				
			S		RB		P-1				
			W		RB		P-1				
			C		RB		P-1				
ELEV LOBBY 1W235	C	L1,2,3	N		RB		P-1			AT-1	
			E		RB		P-1				
			S		RB		P-1				
			W		RB		P-1				
			C		RB		P-1				

CORRIDOR 1CP01 1CP02 1CP03 1CP04 1CP05	C	L1,2	N		RB		P-1			AT-1	WP 4’-0” high-Inpro-Lava L-1 should be 13x13 tiles L-2 should be used for the border equal dimensions on both sides.
			E		RB		P-1				
			S		RB		P-1				
			W		RB		P-1				
			C		RB		P-1				
CORRICOR 1CP06 1C10 1C11 1C09 1C08 1C06 1C05 1C07	C	L1,2	N		RB		P-1			AT-1	L-1 should be 13x13 tiles L-2 should be used for the border equal dimensions on both sides.
			E		RB		P-1				
			S		RB		P-1				
			W		RB		P-1				
			C		RB		P-1				
CORRIDOR 1CW07	C	TT	N		CB		P-1			AT-1	L-1 should be 13x13 tiles L-2 should be used for the border equal dimensions on both sides.

			E		CB		P-1				
			S		CB		P-5				
			W		CB		P-1				
			C		CB		P-1				
STAIRS	C	RST	N		RB		P-1			AT-1	
			E		RB		P-1				
			S		RB		P-1				
			W		RB		P-1				
			C		RB		P-1				
STAIRS	C	RST	N		RB		P-1			AT-1	
			E		RB		P-1				
			S		RB		P-1				
			W		RB		P-1				
			C		RB		P-1				

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SECTION 12 32 00
MANUFACTURED WOOD CASEWORK

PART 1 - GENERAL

1.1 DESCRIPTION

A. This section specifies plastic laminate casework as detailed on the drawings, including related components and accessories required to form integral units. Wood casework items shown on the drawings, but not specified below shall be included as part of the work under this section, and applicable portions of the specification shall apply to these items. Each like item of casework shall be of the same design and by one manufacturer. This section also includes acrylic solid surface countertops and laminated plastic countertops for wood casework.

1.2 RELATED WORK

A. Color and Finish of Plastic Laminate: Section 09 06 00, SCHEDULE FOR FINISHES.

B. Lavatories and Plumbing in Casework: Section 22 40 00, PLUMBING FIXTURES.

1.3 MANUFACTURER'S QUALIFICATIONS

A. The fabrication of casework shall be by a manufacturer who produces casework similar to the casework specified and shown.

1.4 SUBMITTALS

A. Submit in accordance with Section `01 33 23, SHOP DRAWINGS, PRODUCT DATA, AND SAMPLES.

B. Manufacturer's Literature and Data:

1. Sinks, trim and fittings.
2. Locks for doors and drawers
3. Adhesive cements

C. Samples:

Counter top, plastic laminate, 150 mm (six inch) square
Wood Face Veneer or Hardwood Plywood

D. Shop Drawings (1/2 full size):

1. All casework, showing details of construction, including materials, hardware and accessories.
2. Cabinets and counters showing faucets in connection with sink bowls, and electrical fixtures and receptacles which are mounted on cabinets and counters.
3. Fastenings and method of installation.

1.5 APPLICABLE PUBLICATIONS

A. The publications listed below form a part of this specification to the extent referenced. The publications are referenced in the text by basic designation only.

B. American Society for Testing and Materials (ASTM):

A167-99 (R2009).....Stainless and Heat-Resisting chromium-Nickel Steel Plate, Sheet and Strip

A1008-10.....Steel, Sheet, Cold-Rolled, Carbon, Structural, High Strength Low Alloy

C1036-06.....Flat Glass

C. Composite Panel Association (CPA):

A208.1-09.....Particleboard

D. U.S. Department of Commerce Product Standards (Prod. Std):

PS1-95.....Construction and Industrial Plywood

E. Hardwood, Plywood and Veneer Association (HPVA):

HP-1-09.....Hardwood and Decorative Plywood

F. Architectural Woodwork Institute (AWI):

Architectural Woodwork Quality Standards, Guide Specifications Quality Certification Program - 1999

G. American Society of Mechanical Engineers (ASME):

A112.18.1-05.....Plumbing Fixture Fittings

H. National Electrical Manufacturers Association (NEMA):

LD3-05.....High Pressure Decorative Laminates

LD3.1-95.....Performance, Application Fabrication and Installations of High-Pressure Decorative Laminates

PART 2 - PRODUCTS

2.1 BASIS OF DESIGN

A. Casework fabricated by Amcase and/or Neocase.

2.2 PLASTIC LAMINATE:

A. NEMA LD-3.

B. Exposed decorative surfaces including countertops, both sides of cabinet doors, and for items having plastic laminate finish. General purpose Type HGL.

C. Cabinet Interiors Including Shelving: Both of following options to comply with NEMA, LD3.1 as a minimum.

1. Plastic laminate clad plywood or particle board.
2. Resin impregnated decorative paper thermally fused to particle board.

D. Backing sheet on bottom of plastic laminate covered wood tops. Backer Type BKL.

E. Post Forming Fabrication, Decorative Surface: Post forming Type HGP.

2.3 PLYWOOD, SOFTWOOD

A. Prod. Std. PS1, five ply construction from 1/2 inch to 1-1/8 inch thickness, and seven ply for 1 1/4 inch thickness.

2.4 PARTICLEBOARD

A. CPA A208.1, Type 1, Grade 1-M-3.

2.5 SOLID POLYMER MATERIAL

A. Filled Methyl Methacrylic Polymer.

B. Performance properties required:

Property	Result	Test
Elongation	0.3% min.	ASTM D638
Hardness	90 Rockwell M	ASTM D785
Gloss (60^0 Gordon)	5-20	NEMA LD3.1
Color stability	No change	NEMA LD3 except 200 hour
Abrasion resistance	No loss of pattern Max wear depth 0.0762 mm (0.003 in) - 10000 cycles	NEMA LD3
Water absorption weight (5 max)	24 hours 0.9	ASTM D-570
Izod impact	14 N·m/m (0.25 ft-lb/in)	ASTM D256 (Method A)
Impact resistance	No fracture	NEMA LD-3 900 mm (36") drop 1 kg (2 lb.) ball
Boiling water surface resistance	No visible change	NEMA LD3
High temperature resistance	Slight surface dulling	NEMA LD3

C. Cast into sheet form and bowl form.

D. Color throughout with subtle veining through thickness.

E. Joint adhesive and sealer: Manufacturers silicone adhesive and sealant for joining methyl methacrylic polymer sheet.

F. Bio-based products will be preferred.

2.6 RUBBER BASE

A. Straight (for carpet), cove (for resilient floor); 4 inch high, 1/8 inch thick, flexible to conform to irregularities in walls, partitions and floors.

2.7 PLUMBING FIXTURES

A. ASME A112.18.1, except die-cast zinc-alloy material is not acceptable.

2.8 SHEET STEEL

A. ASTM A1008.

2.9 STAINLESS STEEL

A. ASTM A167, with No. 4 finish.

2.10 HARDWARE

A. Where pin tumbler locks are specified, disc tumbler lock "Duo A", with brass working parts and case, as manufactured by the Illinois Lock Company will be an acceptable substitute. Locks for each type casework, shall be keyed differently and shall be master-keyed for each type service, such as Nurses and Administration. Provide two keys for each lock. Exposed hardware, except as otherwise specified, shall be satin finished chromium plated brass or nickel plated brass.

B. Marking of Locks and Keys:

1. The name of the manufacturer, or trademark by which manufacturer can readily be identified, legibly marked on each lock.
2. The key change number marked on the exposed face of lock, and also stamped on each key.
3. Key change numbers shall provide sufficient information for replacement of the key by the manufacturer.

C. Hinged Doors:

1. Doors 36 inches and more in height shall have three hinges and doors less than 36 inches in height shall have two hinges. Each door shall close against two rubber bumpers.
2. Hinges: Fabricate hinges with minimum 0.072 inch thick chromium plated steel leaves, and with minimum 0.139 inch diameter stainless steel pin. Hinges shall be five knuckle design with 2-1/2 inch high leaves and hospital type tips.
3. Fasteners: Provide full thread wood screws to fasten hinge leaves to door and cabinet frame. Finish screws to match finish of hinges.

D. Door Catches:

1. Friction or Magnetic type, fabricated with metal housing.

2. Provide one catch for cabinet doors 48 inches high and under, and two for doors over 48 inches high.

E. Locks:
1. Cylinder type pin tumbler.
2. Equip doors and drawers where shown with locks.

F. Drawer and Door Pulls:
Doors and drawers shall have flush pulls, fabricated of either chromium plated brass, chromium plated steel, stainless steel, or anodized aluminum.

G. Drawer Slides:
1. Full extension steel slides with nylon ball-bearing rollers.
2. Slides shall have positive stop.
3. Equip drawers with rubber bumpers.

H. Shelf Standards (Except For Fixed Shelves):
Bright zinc-plated steel for recessed mounting with screws, 16 mm (5/8 inch) wide by 5 mm (3/16 inch) high providing 13 mm (1/2 inch) adjustment, complete with shelf supports.

2.11 FABRICATION

A. Casework shall be of the flush overlay design and, except as otherwise specified, be of premium grade construction and of component thickness in conformance with AWI Quality Standards.

B. Fabricate casework of plastic laminated covered plywood or particleboard as follows:
1. Where shown, doors, drawers, shelves and all semi-concealed surfaces shall be plastic laminated.

C. Electrical fixtures, receptacles, wiring and junction boxes required for fixtures and receptacles:
1. Factory installed in casework.
2. For electrical lighting fixtures, see drawings.
3. For electric receptacles and lighting fixtures installed below or adjacent to wall cabinets or above counter tops, see electrical sections or specifications.
4. Install wiring in built-in raceways and terminate at junction box mounted on rear of cabinet and counter.
5. For final hook-up at junction box see electrical sections of specifications.

D. Provide 18 gage sheet steel sloping tops for casework where shown. Fasten sloping tops with oval-head screws inserted from interior.

Exposed ends of sloping tops shall have flush closures fastened as recommended by manufacturer.

E. Base:
1. Provide rubber base with close, flush joints; set with adhesive.
2. Remove adhesive from exposed surfaces.
3. Install base at floor line after casework has been accurately leveled.
4. Rub base to glossy finish.

F. Plastic Laminate Countertops:
1. Countertops shall be plastic laminate factory glued to either a plywood (PS1), or particleboard (CPA A208.1) core.
2. Countertops shall be 1-1/4 inches) thick.
3. Splashbacks shall be finished 3/4 inch thick and be secured to countertops with concealed metal fastenings and with contact surfaces set in waterproof adhesive.
4. Provide cut-outs for plumbing trim where shown.
5. Cover exposed edges of countertops, splashbacks with plastic.

G. Methyl Methacrylic Polymer Countertops including integral sinks:
1. Fabricate countertop of methyl methacrylic polymer cast sheet, 3/4 inch thick.
2. Fabricate back splash and end splash to height shown.
3. Fabricate skirt to depth shown.
4. Fabricate with marine edge where sinks occur.
5. Fabricate in one piece for full length from corner to corner up to 12 feet.
6. Provide solid surface tops with integral sink bowls.
7. Join pieces with adhesive sealant.
8. Cut out countertop for lavatories, plumbing trim. **Coordinate cut outs with plumbing trim and fittings: Faucets, Fittings, Valves, and Drains and Traps.**
9. Provide concealed fasteners and epoxy cement for anchorage of sinks to countertop.

H. Sink bowls for plastic laminate countertops:
1. 18 gage stainless steel, of size and design shown.
2. All interior corners of bowls shall be formed to manufacturer's standard radii.
3. Sinks shall have rims with flanged edges overlapping tops to provide tight joints.

4. Secure sink bowls with concealed fastenings.
5. For service lines from service fixtures, see other sections of specifications.

~~**I. Provide the following plumbing trim and fittings:**~~

~~**1. Faucets: ASME A112.18.1 Type I, compression type, countertop mounted, chromium plated brass, having two valves and with gooseneck spout as shown, elevated to clear handles.**~~

~~**2. Fittings shall have an elongated escutcheon for spout and handles, replaceable valve seats and four arm or lever style indexed chromium plated brass or stainless steel handles; handles either with or without hood.**~~

~~**J. Faucets:**~~

~~**1. ASME A112.18.1 Type I, compression type, splashback mounted, chromium plated brass, having two valves and with gooseneck spout as indicated.**~~

~~**2. Fittings shall have exposed body union inlets and adjustable flanges.**~~

~~**3. Valves shall have indexed chromium plated brass or stainless steel lever handles and replaceable valves seats; handles either with or without hood.**~~

~~**K. Drain:**~~

~~**1. Cast or wrought brass or stainless steel with flat strainer.**~~

~~**2. Surfaces of drains exposed from above shall have a chromium plated finish.**~~

~~**L. Traps: Cast brass.**~~

M. Support Members for Tops of Tables:
1. Construct as detailed.
2. Provide miscellaneous steel members and anchor as shown.

PART 3 - EXECUTION

3.1 INSTALLATION

A. Set casework in place; level, plumb and accurately scribe and secure to walls, and/or floors.

B. The installation shall be complete including all trim and hardware. Leave the casework clean and free from defects.

C. Coordinate installation of faucets, fittings, valves, and drains and traps.

3.2 FASTENINGS

A. Fastenings for securing casework to adjoining construction shall be as detailed on the drawings or approved shop drawings.

B. See Section 05 50 00, METAL FABRICATIONS for reinforcement of walls and partitions for casework anchorage.

- - - E N D - - -

SECTION 28 31 00
FIRE DETECTION AND ALARM

PART 1 - GENERAL

1.1 DESCRIPTION

A. This section of the specifications includes the extension, installation, and connection of the existing Simplex 4100 ES audiovisual fire alarm equipment **located in Building 1, Room BN02** to form a complete coordinated system ready for operation. **Furnish and install all required amplifiers, microphones, cabinets, power supplies, etc., to provide a fully operational voice/speaker fire alarm control system. The system** ~~It~~ shall include, but not be limited to, **panels, electrical connections to panels and equipment,** alarm initiating devices, alarm notification appliances and wiring as ~~shown on the drawings and specified.~~ **required for a fully operational system.**

B. Fire alarm systems shall comply with requirements of the most recent VA FIRE PROTECTION DESIGN MANUAL and NFPA 72 unless variations to NFPA 72 are specifically identified within these contract documents by the following notation: "variation". The design, system layout, document submittal preparation, and supervision of installation and testing shall be provided by a technician that is certified NICET level III or a registered fire protection engineer. The NICET certified technician shall be on site for the supervision and testing of the system. Factory engineers from the equipment manufacturer, thoroughly familiar and knowledgeable with all equipment utilized, shall provide additional technical support at the site as required by the Project Manager or his authorized representative. Installers shall have a minimum of 2 years experience installing fire alarm systems.

C. Fire alarm signals:

1. Fire alarm signals and operation shall match the existing signals in the adjacent spaces.

1.2 SCOPE

A. An extension of the existing fully addressable Simplex 4100 ES fire alarm system shall be designed and installed in accordance with the specifications and drawings. Device location and wiring runs shown on the drawings are for reference only unless specifically dimensioned. Actual locations shall be in accordance with NFPA 72 and this specification.

B. Existing Simplex 4100 fire alarm control equipment shall be used.

C. Fire alarm equipment, cabling, raceways, etc, shown on the drawings and specified herein, shall be new.

D. The contractor shall furnish additional Simplex 4009 extender panel(s), power supplies, modules and support equipment as required for a complete fire alarm system. Each panel, and/or device shall be connected to a 120 VAC Life Safety circuit(s) furnished and installed by the contractor.

1.3 RELATED WORK

A. Section 01 33 23, SHOP DRAWINGS, PRODUCT DATA, AND SAMPLES. Requirements for procedures for submittals.

B. Section 07 84 00 – FIRESTOPPING. Requirements for fire proofing wall penetrations.

1.4 SUBMITTALS

A. General: Submit three copies in accordance with Section 01 33 23, SHOP DRAWINGS, PRODUCT DATA, AND SAMPLES, and Section 26 05 11, REQUIREMENTS FOR ELECTRICAL INSTALLATIONS.

B. Drawings:

1. Prepare drawings using AutoCAD Release 14 software and include all contractors' information. Layering shall be by VA criteria as provided by the Contracting Officer's Technical Representative (PROJECT MANAGER). Bid drawing files on AutoCAD will be provided to the Contractor at the pre-construction meeting. The contractor shall be responsible for verifying all critical dimensions shown on the drawings provided by VA.
2. Floor plans: Provide locations of all devices (with device number at each addressable device corresponding to control unit programming), number, size, and type of raceways and conductors in each raceway; and size of conductor and raceway. Only those devices connected and incorporated into the final system shall be on these floor plans. Do not show any removed devices on the floor plans. Show all interfaces for all fire safety functions.
3. Detailed wiring diagrams: Provide for fire alarm devices and connection to existing fire alarm system diagrams shall be drawn to a scale sufficient to show spatial relationships between components, enclosures and equipment configuration.

C. Certifications:

1. Together with the shop drawing submittal, submit the technician's NICET level III fire alarm certification as well as certification from the control unit manufacturer that the proposed performer of contract maintenance is an authorized representative of the major equipment manufacturer. Include in the certification the names and addresses of the proposed supervisor of installation and the proposed performer of contract maintenance. Also include the name and title of the manufacturer's representative who makes the certification.
2. Together with the shop drawing submittal, submit a certification from either the control unit manufacturer or the manufacturer of each component (e.g., smoke detector) that the components being furnished are compatible with the control unit.
3. Together with the shop drawing submittal, submit a certification from the major equipment manufacturer that the wiring and connection diagrams meet this specification, UL and NFPA 72 requirements.

1.5 WARRANTY

A. All work performed and all material and equipment furnished under this contract shall be free from defects and shall remain so for a period of one year from the date of acceptance of the entire installation by the Contracting Officer.

1.6 APPLICABLE PUBLICATIONS

A. The publications listed below (including amendments, addenda, revisions, supplements and errata) form a part of this specification to the extent referenced. The publications are referenced in text by the basic designation only and the latest editions of these publications shall be applicable.

B. National Fire Protection Association (NFPA):

NFPA 20..... Standard for the Installation of Stationary Pumps for Fire Protection, 2010 edition

NFPA 70.....National Electrical Code (NEC), 2010 edition

NFPA 72.....National Fire Alarm Code, 2010 edition

NFPA 90A.....Standard for the Installation of Air Conditioning and Ventilating Systems, 2009 edition

NFPA 101.....Life Safety Code, 2009 edition

C. Underwriters Laboratories, Inc. (UL): Fire Protection Equipment Directory

D. Factory Mutual Research Corp (FM): Approval Guide, 2007-2011

E. American National Standards Institute (ANSI):
S3.41.....Audible Emergency Evacuation Signal, 1990 edition, reaffirmed 2008

F. International Code Council, International Building Code (IBC), 2009 edition

PART 2- PRODUCTS

2.1 EQUIPMENT AND MATERIALS, GENERAL

A. All equipment and components shall be new and the manufacturer's current model. All equipment shall be tested and listed by Underwriters Laboratories, Inc. or Factory Mutual Research Corporation for use as part of a fire alarm system. The authorized representative of the manufacturer of the major equipment shall certify that the installation complies with all manufacturers' requirements and that satisfactory total system operation has been achieved.

B. Voice Alarm: Provide an emergency communication system, integral with the FACP, including voice alarm system components, microphones, amplifiers, and tone generators. Features include:

1. Amplifiers comply with UL 1711, "Amplifiers for Fire Protective Signaling Systems." Amplifiers shall provide an onboard local mode temporal coded horn tone as a default backup tone. Test switches on the amplifier shall be provided to test and observe amplifier backup switchover. Each amplifier shall communicate to the host panel amplifier and NAC circuit voltage and current levels for display on the user interface.

2. [Dual alarm channels permit simultaneous transmission of different announcements to different zones or floors automatically or by use of the central control microphone.] All announcements are made over dedicated, supervised communication lines. All risers shall support Style 7~~[Class A]~~ wiring for each audio channel.

3. Emergency voice communication audio controller module shall provide up to 32 minutes of message memory for digitally stored messages. Provide supervised connections for master microphone and up to 5 remote microphones.

2.2 CONDUIT, BOXES, AND WIRE

A. Conduit shall be in accordance with the following:

1. The wiring for the Fire Alarm System shall be Style 7.

2. **Two (2) conduits shall be routed between the main fire alarm control equipment in Building 1 Room BN02 and the Network Extender Panel(s) (NAC) to be installed in the PACT area. One conduit shall contain the ID Net/Speaker-In cabling and the other conduit shall include the Speaker-Out cabling. These conduits shall be installed with a minimum 15'separation.**

3. All conduits shall be installed in accordance with NFPA 70.

~~2~~**4.** ~~—~~Conduit fill shall not exceed 40 percent of interior cross sectional area.

~~3~~**5.** Conduit shall be 3/4 inch (19 mm) minimum.

B. Wire:

1. Wiring shall be in accordance with NEC article 760 and as recommended by the manufacturer of the fire alarm system. All wires shall be color coded. Number and size of conductors shall be as recommended by the fire alarm system manufacturer, but not less than 18 AWG for initiating device circuits and 14 AWG for notification device circuits.
2. All fire alarm system wiring shall be installed in conduit.

C. Terminal Boxes, Junction Boxes, and Cabinets:

1. Shall be galvanized steel in accordance with UL requirements.
2. All boxes shall be sized and installed in accordance with NFPA 70.
3. Covers shall be repainted red in accordance with Section 09 91 00, PAINTING and shall be identified with white markings as "FA" for junction boxes and as "FIRE ALARM SYSTEM" for cabinets and terminal boxes. Lettering shall be a minimum of 3/4 inch (19 mm) high.
4. Terminal boxes and cabinets shall have a volume 50 percent greater than required by the NFPA 70. Minimum sized wire shall be considered as 14 AWG for calculation purposes.
5. Terminal boxes and cabinets shall have identified pressure type terminal strips and shall be located at the base of each riser. Terminal strips shall be labeled as specified or as approved by the PROJECT MANAGER.

2.3 FIRE ALARM CONTROL PANEL AND DEVICES

A. General:

1. The Simplex 4100 ES fire alarm control panel is existing.

B. Fire Alarm ~~Chime~~**Speaker**/Strobes:

1. Xenon flash tube type minimum 15 candela in toilet rooms and 75 candela in all other areas with a flash rate of 1 HZ. Strobes shall be synchronized where required by the National Fire Alarm Code (NFPA 72). Strobes shall be Wheelock RSS-24MCW-FR
2. Backplate shall be red with 1/2 inch (13 mm) permanent red letters. Lettering to read "Fire", be oriented on the wall or ceiling properly, and be visible from all viewing directions.
3. Strobes may be combined with the **speaker** ~~audible~~ notification appliances specified herein.

4. Speaker: Speaker notification appliances shall be listed to UL 1480.

5. The speaker shall operate on a standard 25VRMS or 70.7VRMS NAC using twisted/shielded wire.

6. The following taps are available: 0.25W, 0.50W, 1.0W and 2.0W. At the 1.0W tap, the speaker has minimum UL rated sound pressure level of 84dBA at 10 feet.

7. The speaker shall have a frequency response of 400 to 4000 Hz for Fire Alarm and 125 to 12kHz for General Signaling.

~~Chime shall be electric, utilizing solid state electronic technology operating on a nominal 24 VDC.~~

~~5. Chime shall have a minimum nominal rating of 80 dBA at 10 feet (3,000 mm).~~

~~6. Mount on removable adapter plates on junction boxes.~~

~~7. Chime/strobes shall be Wheelock CH70 24MCW FR.~~

C. Smoke Detectors:

1. Smoke detectors shall be photoelectric type and UL listed for use with the fire alarm control unit being furnished.
2. Smoke detectors shall be addressable type complying with applicable UL Standards for system type detectors. Smoke detectors shall be installed in accordance with the manufacturer's recommendations and NFPA 72.
3. Detectors shall have an indication lamp to denote an alarm condition. Provide remote indicator lamps and identification plates where detectors are concealed from view. Locate the remote indicator lamps and identification plates flush mounted on walls so they can be observed from a normal standing position.

4. All spot type and duct type detectors installed shall be of the photoelectric type.
5. Photoelectric detectors shall be factory calibrated and readily field adjustable. The sensitivity of any photoelectric detector shall be factory set at 3.0 plus or minus 0.25 percent obscuration per foot.
6. Detectors shall provide a visual trouble indication if they drift out of sensitivity range or fail internal diagnostics. Detectors shall also provide visual indication of sensitivity level upon testing. Detectors, along with the fire alarm control units shall be UL listed for testing the sensitivity of the detectors.
7. Ceiling smoke detectors shall be Simplex 4098-9792 (base) and 4098-9714 (sensor). Each duct mounted smoke detector shall be Simplex 4098-9756 with a 2098-9797 sampling tube and a 2098-9806 Remote Test/Reset Station.

D. Addressable Relays
1. Addressable relays shall be used for fan shutdown operation. Relay modules shall be Simplex MAPNET 2190-9163.

E.- Remote field panels, power supplies, 4009 Notification Appliance Circuit (NAC) extender panel(s), etc.

1. The contractor shall furnish and install all required remote panels, power supplies, extender panel, amplifiers, etc in the PACT project. Each panel, device, amplifiers, etc shall be connected to a dedicated 120 Volt Life Safety circuit routed from closest Life Safety panelboard.

PART 3 - EXECUTION

3.1 INSTALLATION:

A. Installation shall be in accordance with NFPA 70, 72, 90A, and 101 as shown on the drawings, and as recommended by the major equipment manufacturer. Fire alarm wiring shall be installed in conduit. All penetrations of smoke and fire barriers shall be protected as required by Section 07 84 00, FIRESTOPPING.

B. All conduits, junction boxes, conduit supports and hangers shall be concealed in finished areas and may be exposed in unfinished areas.

C. All new and reused exposed conduits shall be painted in accordance with Section 09 91 00, PAINTING to match surrounding finished areas and red in unfinished areas.

D. All existing accessible fire alarm conduit in the demolition area shall be removed.

E. All fire and alarm system devices shall be flush mounted when located in finished areas.

F. Strobes shall be flush wall mounted with the bottom of the unit located 80 inches (2,000 mm) above the floor or 6 inches (150 mm) below ceiling, whichever is lower. Locate and mount to maintain a minimum 36 inches (900 mm) clearance from side obstructions.

3.2 TESTS

A. Provide the service of a NICET level III, competent, factory-trained engineer or technician authorized by the manufacturer of the fire alarm equipment to technically supervise and participate during all of the adjustments and tests for the system. Make all adjustments and tests in the presence of the PROJECT MANAGER.

B. When the systems have been completed and prior to the scheduling of the final inspection, furnish testing equipment and perform the following tests in the presence of the PROJECT MANAGER. When any defects are detected, make repairs or install replacement components, and repeat the tests until such time that the complete fire alarm systems meets all contract requirements. After the system has passed the initial test and been approved by the PROJECT MANAGER, the contractor may request a final inspection.

1. Before energizing the cables and wires, check for correct connections and test for short circuits, ground faults, continuity, and insulation.
2. Test the insulation on all installed cable and wiring by standard methods as recommended by the equipment manufacturer.
3. Run water through all flow switches. Check time delay on water flow switches. Submit a report listing all water flow switch operations and their retard time in seconds.
4. Open each alarm initiating and notification circuit to see if trouble signal actuates.
5. Ground each alarm initiation and notification circuit and verify response of trouble signals.

3.3 FINAL INSPECTION AND ACCEPTANCE

A. Prior to final acceptance a minimum 30 day "burn-in" period shall be provided. The purpose shall be to allow equipment to stabilize and potential installation and software problems and equipment malfunctions to be identified and corrected. During this diagnostic period, all system operations and malfunctions shall be recorded. Final acceptance will be made upon successful completion of the "burn-in" period and where the last 14 days is without a system or equipment malfunction.

B. At the final inspection a factory trained representative of the manufacturer of the major equipment shall repeat the tests in Article 3.2 TESTS and those required by NFPA 72. In addition the representative shall demonstrate that the systems function properly in every respect. The demonstration shall be made in the presence of a VA representative.

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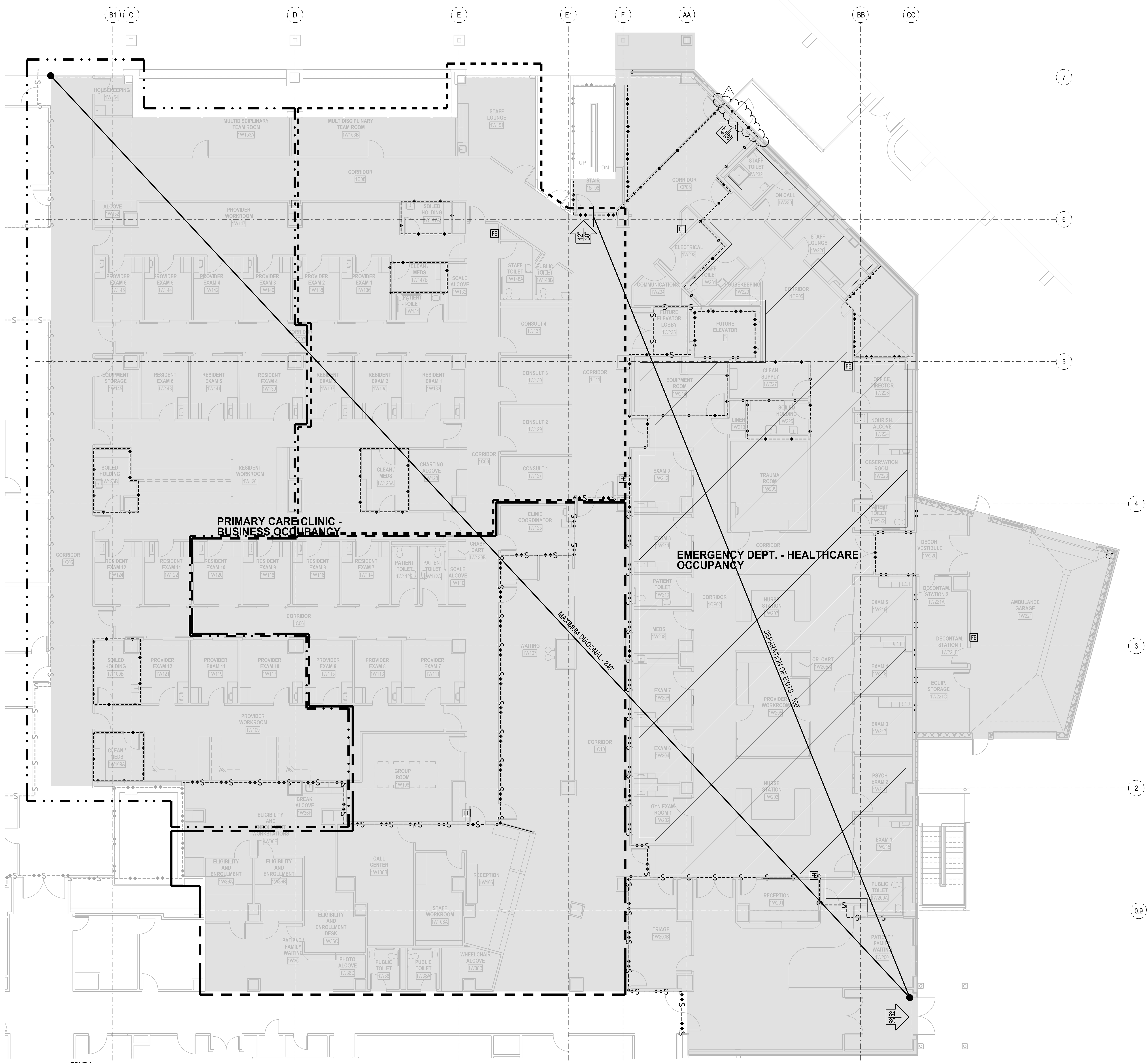


1 ZONE A
1/8" = 1'-0"

EMERGENCY DEPT. - HEALTHCARE OCCUPANCY

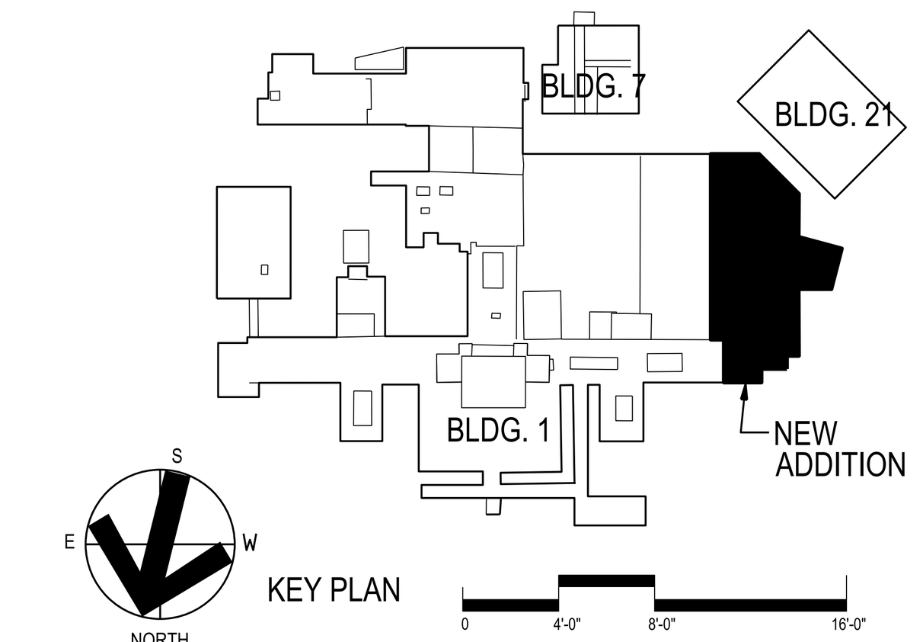
REMAINING SPACE - BUSINESS OCCUPANCY

WALL RATING KEY

- SMOKE RESISTIVE CONSTRUCTION
- 1 HOUR FIRE
- 1 HOUR FIRE / SMOKE
- 2 HOUR FIRE
- 2 HOUR FIRE / SMOKE

LIFE SAFETY PLAN LEGEND

- DOOR SIZE
- EXIT DIRECTION
- ACTUAL CLEAR OPENING
- PATH OF EGRESS - TIC MARKS SPACED IN 100' INCREMENTS FROM EXIT
- COMMON PATH OF TRAVEL
- FE FIRE EXTINGUISHER
- AREA OF WORK
- BUILDING SEPARATION, 2 HOUR FIRE / SMOKE
- SUITE BOUNDARY



KEY PLAN

SCALE: 1/8" = 1'-0"

Revisions	Date	Revisions	Date	Revisions	Date
1 Amendment #A00003	03/12/2015				

HEERY design

Heery International Inc.
125 South Dubuque Street,
Suite 500,
Iowa City, IA 52240-4003
319.354.4700

project number
11-25503

Drawing Title: LIFE SAFETY PLAN LEVEL 1 / ZONE A AND B

CONSTRUCTION DOCUMENTS

Project Title: EXPAND BLDG. 1 FOR PACT AMBULATORY CARE & RADIOLOGY

Building No.: BLDG 1

Checked:

Drawn: RD

Location: ICVA HEALTH CARE SYSTEM

Date: 12/15/2014

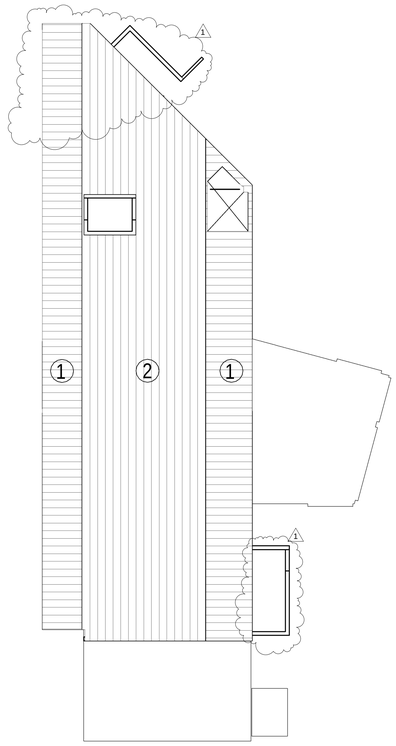
Project No.: 636-201

DRAWING NO.: 1-G4

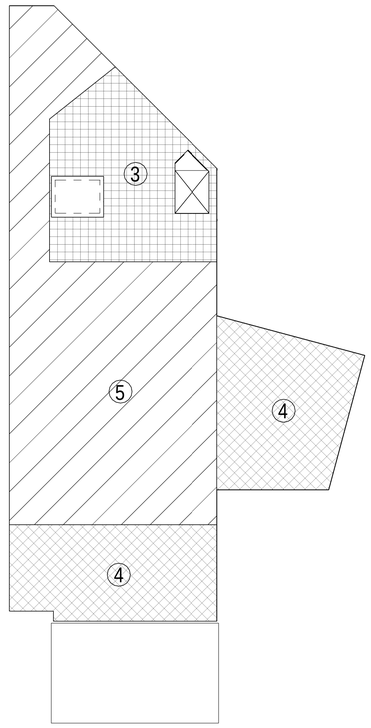
Office of Facilities

Department of Veterans Affairs

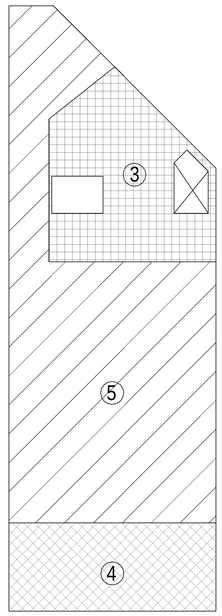
VA FORM 08-6231, FEB.1983



1 LEVEL 1 - LOADING
1/16" = 1'-0"

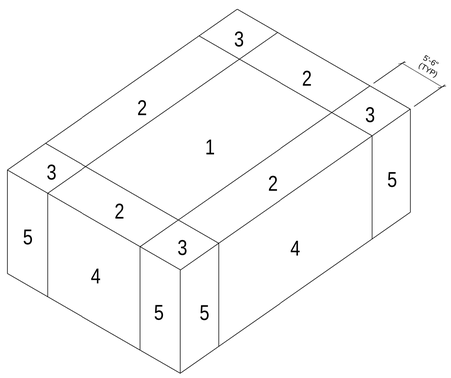


2 LEVEL 2 - LOADING - BASE BID & ALTERNATE 4
1/16" = 1'-0"

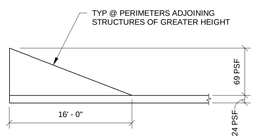


3 LEVEL 2 - LANDING - DEDUCT ALTERNATE 6
1/16" = 1'-0"

DESIGN WIND PRESSURE ZONES



ROOF SNOW DRIFT DIAGRAM



DESIGN WIND PRESSURES IN lbs/ft² (PSF)

EFF. WIND AREA	ZONE 1		ZONE 2		ZONE 3		ZONE 4		ZONE 5	
	(+)	(-)	(+)	(-)	(+)	(-)	(+)	(-)	(+)	(-)
20ft²	6.4	-16.3	6.4	-25.1	6.4	-35.1	16.0	-17.4	16.0	-20.9
50ft²	5.9	-15.8	5.9	-21.2	5.9	-25.4	15.0	-16.4	15.0	-19.0
100ft²	5.4	-15.3	5.4	-18.2	5.4	-18.2	14.3	-15.6	14.3	-17.0

LIVE LOAD SCHEDULE:

- FLOOR LIVE LOADS
  - 1 TYPICAL FLOOR = 80 PSF
  - 2 CORRIDORS & LOBBIES = 100 PSF
  - 3 MECHANICAL ROOMS = 150 PSF
- ROOF LIVE LOADS
  - 4 TYPICAL ROOF = 25 PSF
  - 5 FORMWORK & SHORING FOR FUTURE EXPANSION = 150 PSF

Revisions	Date	Revisions	Date	Revisions	Date
1 Amendment #A00003	03/12/2015				

HEERY design
Heery International Inc.
125 South Dubuque Street,
Suite 500,
Iowa City, IA 52240-4003
319.354.4700

project number
11-25503

Drawing Title
DESIGN LOAD DATA

CONSTRUCTION DOCUMENTS

Project Title
EXPAND BLDG. 1 FOR PACT AMBULATORY CARE, RADIOLOGY, EGRESS STAIRWELL

Building No. BLDG 1 | Checked CT | Drawn NS

Location
ICVA HEALTH CARE SYSTEM

Date 12/15/2014

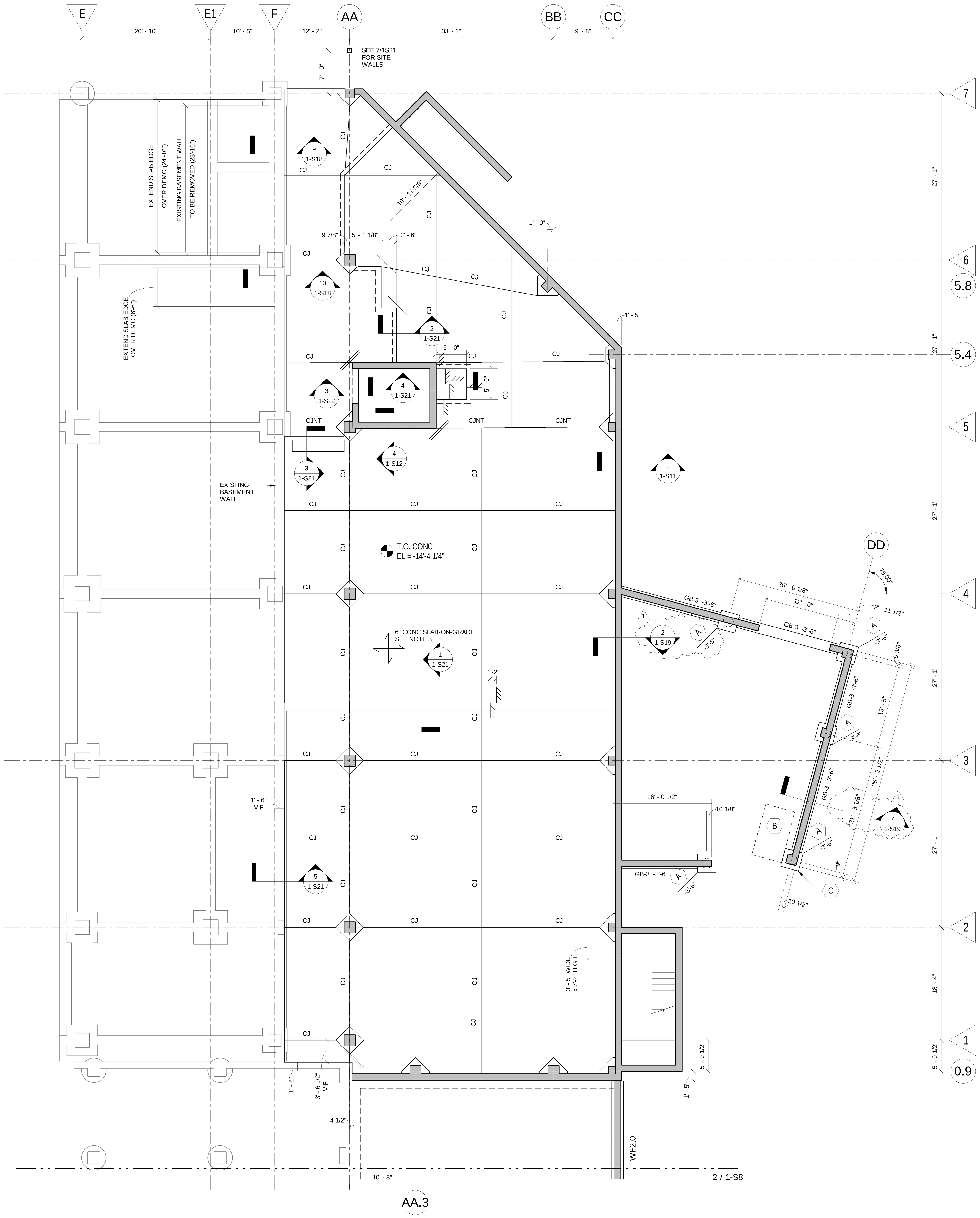
Project No. 636-201

DRAWING NO. 1-S2

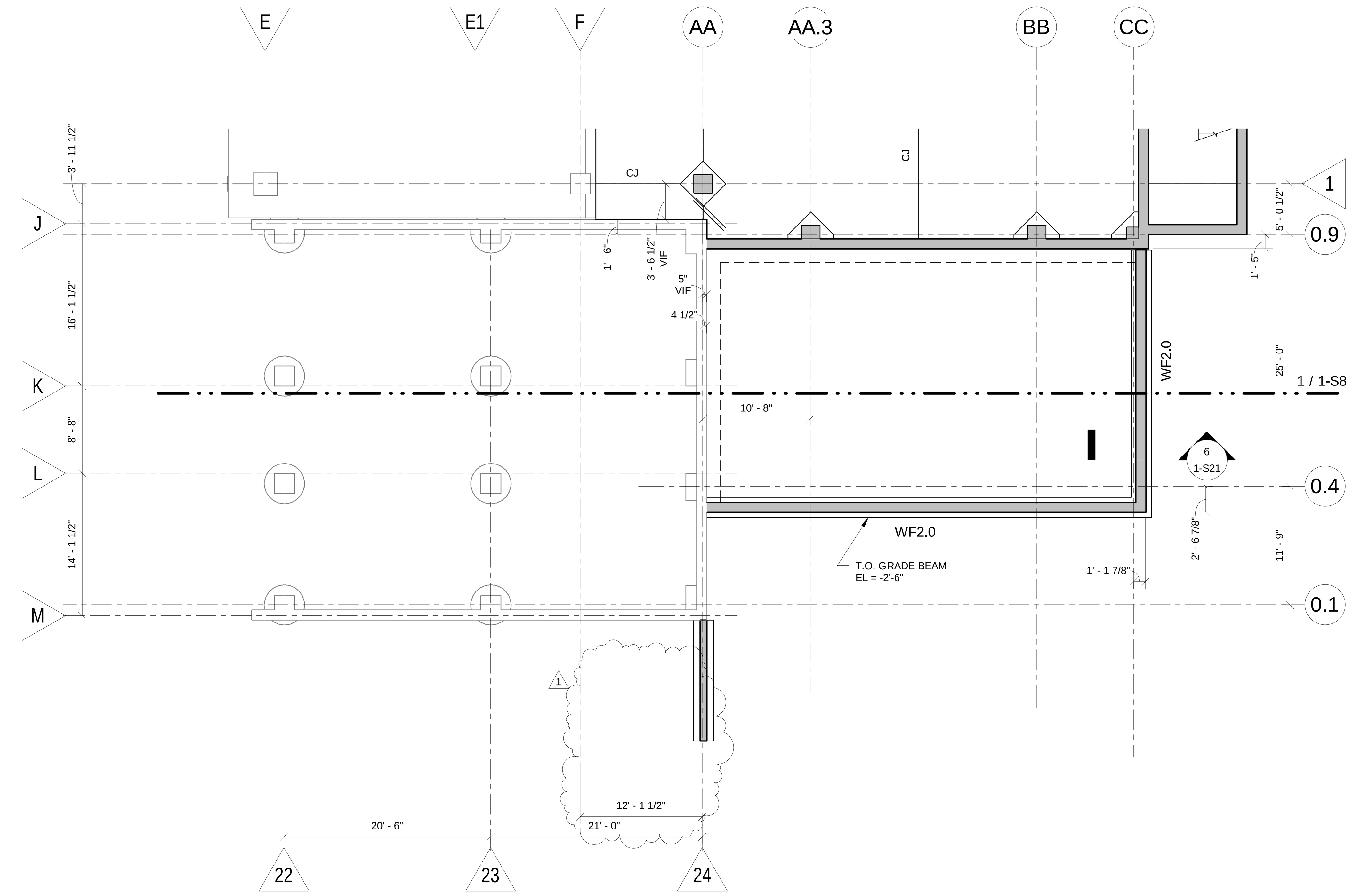
Office of Facilities

Department of Veterans Affairs

VA FORM 08-6231, FEB. 1983



1 ZONE A
1/8" = 1'-0"



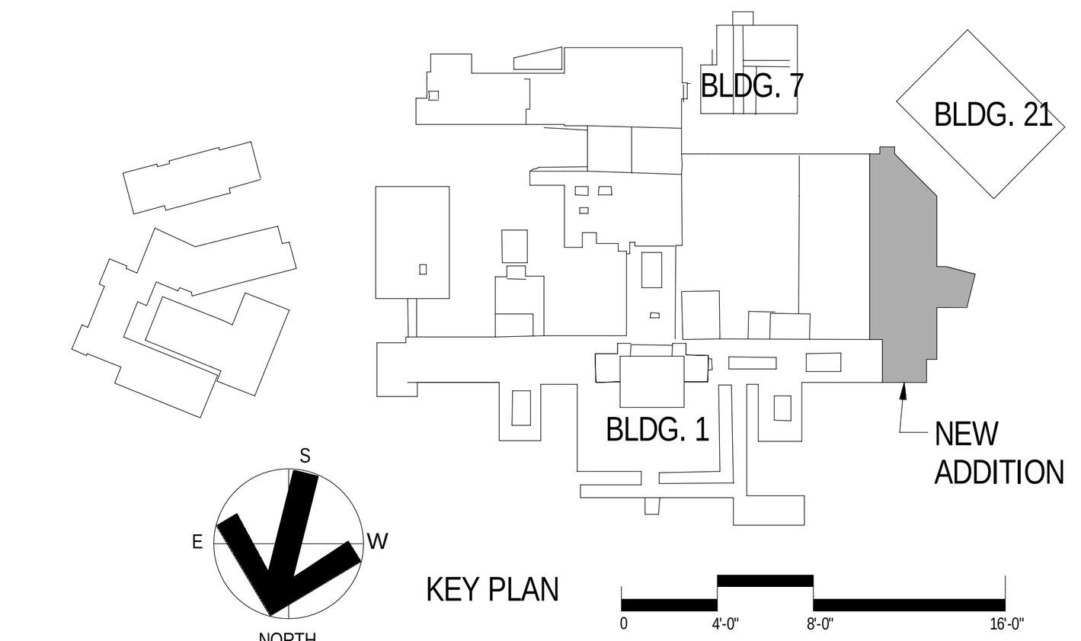
2 ZONE B
1/8" = 1'-0"

NOTES :

1. SEE SHEET 1-S1 FOR GENERAL NOTES.
2. REVIEW STRUCTURAL DETAIL SHEETS FOR TYPICAL DETAILS FOR THIS PROJECT. TYPICAL DETAILS ARE NOT NECESSARILY CUT ON THE PLAN SHEETS.
3. 6" CONCRETE SLAB-ON-GRADE - REINF w/ #3 @ 16" OC EA WAY - SUPPORTED ON P/C BLOCKS.
4. TOP OF SLAB EL = -13'-2 1/4", UNO.
5. SEE DETAIL 9/1-S11 FOR ADDITIONAL SLAB REINFORCEMENT AT CORNERS.
6. DIMENSION TO BE COORDINATED w/ REVIEWED SHOP DRAWINGS AND CALCULATIONS FOR PRE-ENGINEERED, PRE-FABRICATED METAL PAN STAIRS.

KEYED NOTES :

- (A) TOP OF CAISSON CAP EL = -2'-0"
  TOP OF CAISSON EL = -4'-9"
- (B) EXISTING UTILITY VAULT TO REMAIN
- (C) SEE 3/1-S25 FOR COLUMN INFO



KEY PLAN

SCALE: 1/8" = 1'-0"

Revisions	Date	Revisions	Date	Revisions	Date
1 Amendment #A00003	03/12/2015				

HEERY design

Heery International Inc.
125 South Dubuque Street,
Suite 500,
Iowa City, IA 52240-4003
319.354.4700

project number
11-25503

Drawing Title: FLOOR PLAN BASEMENT, ZONE A AND B - BASE BID

CONSTRUCTION DOCUMENTS

Project Title: EXPAND BLDG. 1 FOR PACT AMBULATORY CARE, RADIOLOGY, EGRESS STAIRWELL

Building No.: BLDG 1 | Checked: CT | Drawn: NS

Location: ICVA HEALTH CARE SYSTEM

Date: 12/15/2014

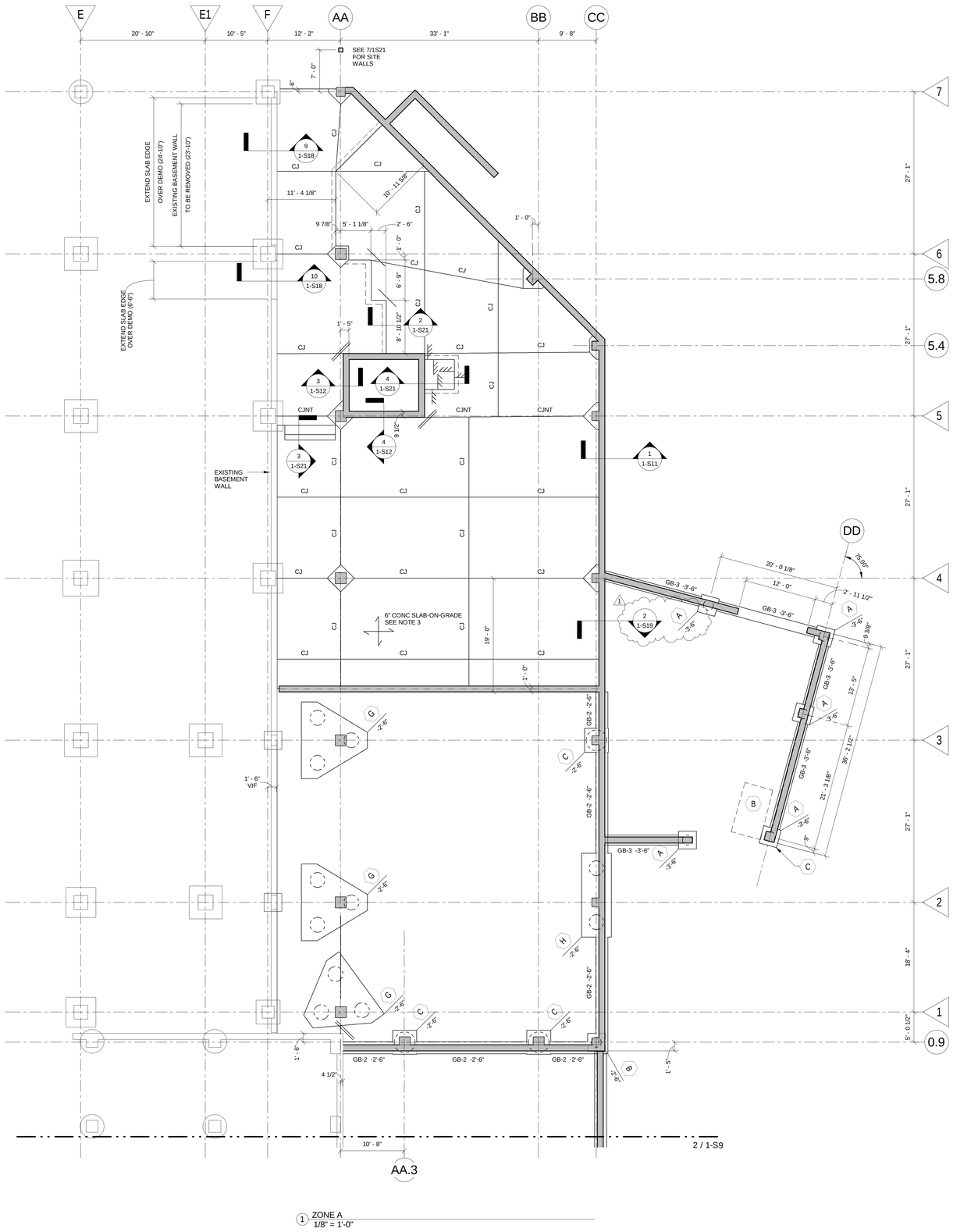
Project No.: 636-201

DRAWING NO. 1-S8

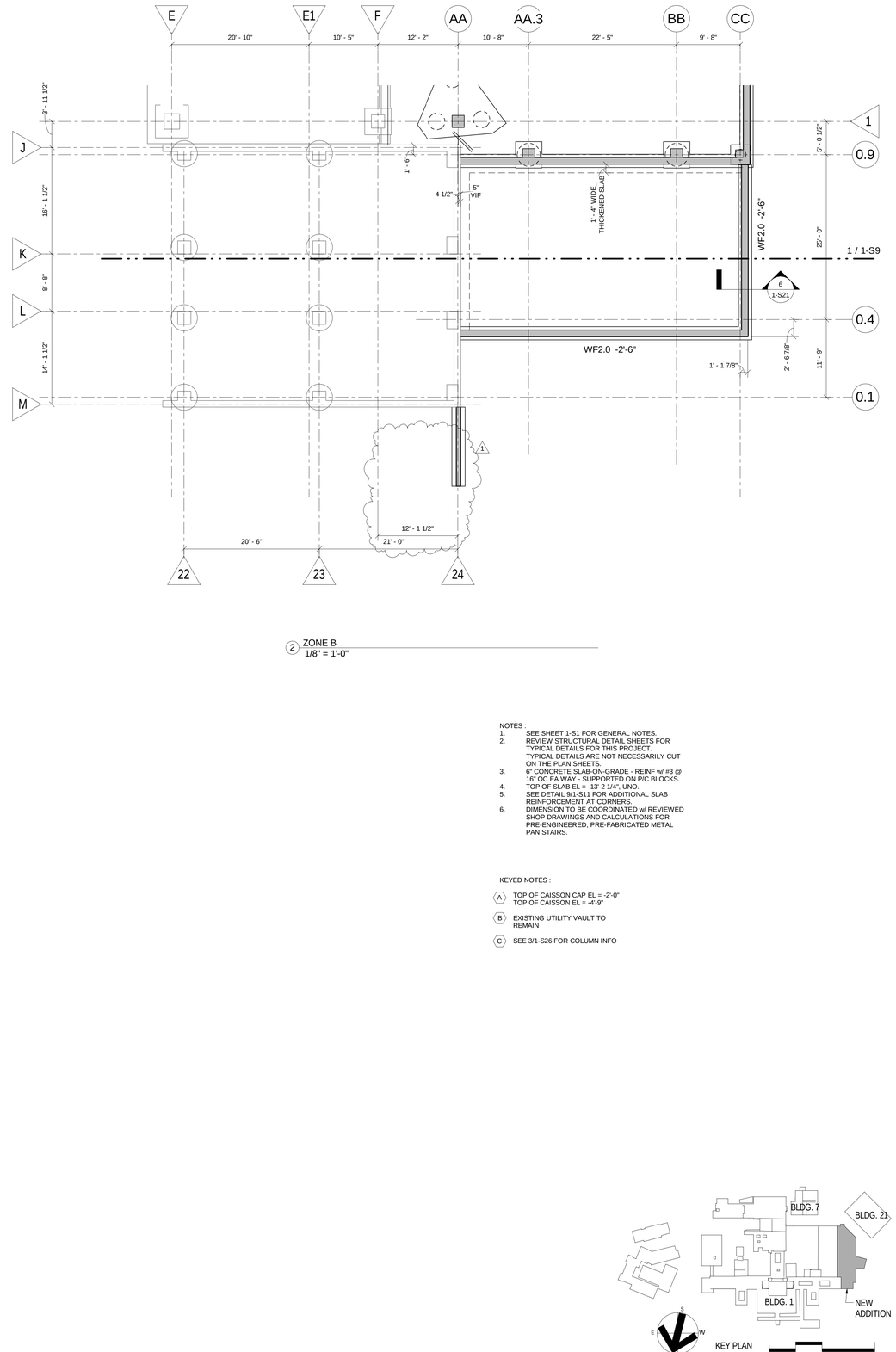
Office of Facilities

Department of Veterans Affairs

VA FORM 08-6231, FEB. 1983



1 ZONE A
1/8" = 1'-0"



2 ZONE B
1/8" = 1'-0"

NOTES :
1. SEE SHEET 1-S1 FOR GENERAL NOTES.
2. REVIEW STRUCTURAL DETAIL SHEETS FOR TYPICAL DETAILS FOR THIS PROJECT. TYPICAL DETAILS ARE NOT NECESSARILY CUT ON THE PLAN SHEETS.
3. 6" CONCRETE SLAB-ON-GRADE - REINF w/ #3 @ 16" OC EA WAY - SUPPORTED ON P/C BLOCKS.
4. TOP OF SLAB EL = -13'-2 1/4", UNO.
5. SEE DETAIL 9/1-S11 FOR ADDITIONAL SLAB REINFORCEMENT AT CORNERS.
6. DIMENSION TO BE COORDINATED w/ REVIEWED SHOP DRAWINGS AND CALCULATIONS FOR PRE-ENGINEERED, PRE-FABRICATED METAL PAN STAIRS.

KEYED NOTES :

(A) TOP OF CAISSON CAP EL = -2'-0"
TOP OF CAISSON EL = -4'-9"

(B) EXISTING UTILITY VAULT TO REMAIN

(C) SEE 3/1-S26 FOR COLUMN INFO

Revisions	Date	Revisions	Date	Revisions	Date
1 Amendment #A00003	03/12/2015				

HEERY design
Heery International Inc.
125 South Dubuque Street,
Suite 500,
Iowa City, IA 52240-4003
319.354.4700

project number
11-25503

Drawing Title
FLOOR PLAN BASEMENT, ZONE A AND B - DEDUCT ALTERNATE 5

CONSTRUCTION DOCUMENTS

Project Title
EXPAND BLDG. 1 FOR PACT AMBULATORY CARE, RADIOLOGY, EGRESS STAIRWELL

Building No. BLDG 1 | Checked CT | Drawn NS

Location
ICVA HEALTH CARE SYSTEM

Date **12/15/2014**

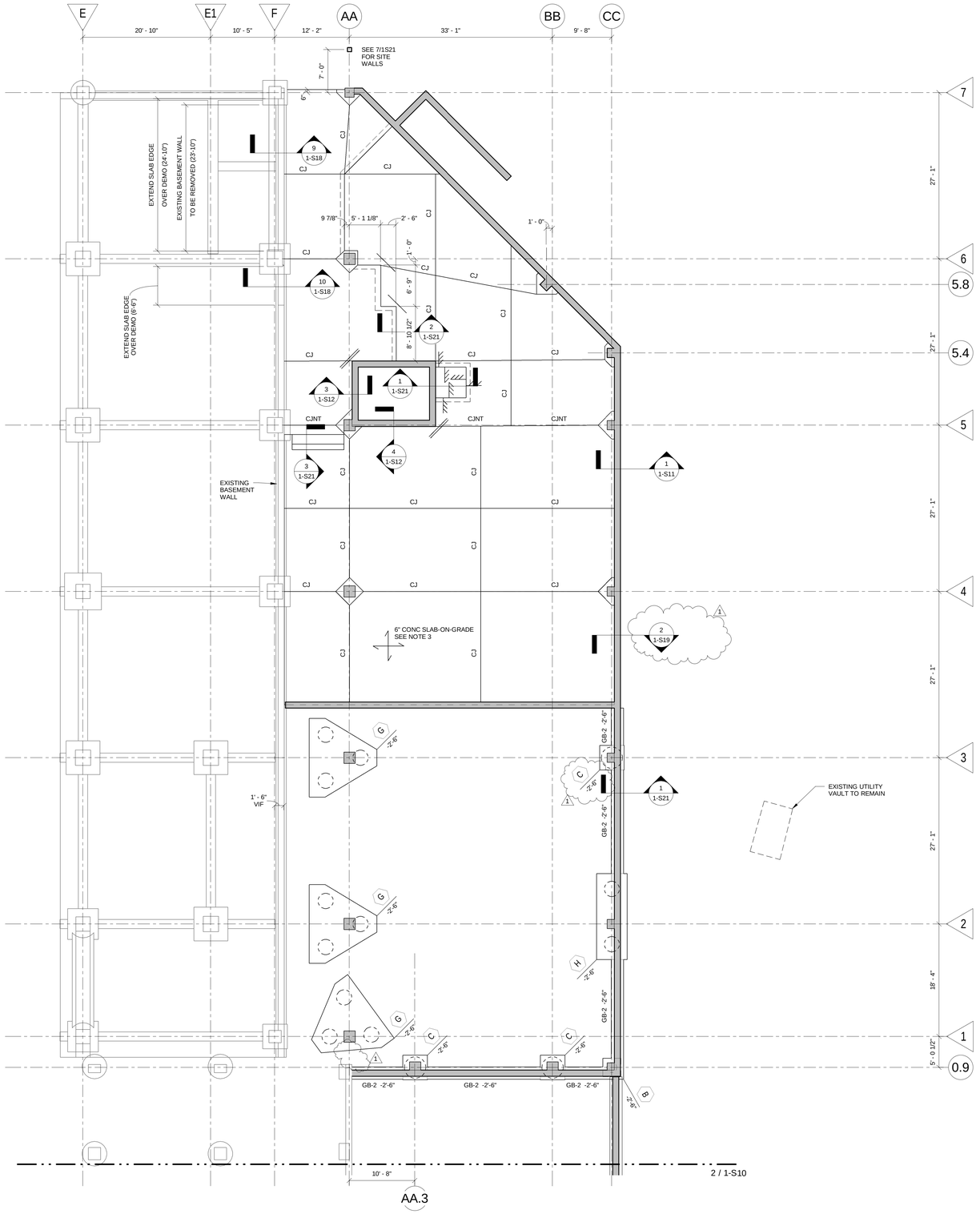
Project No. **636-201**

DRAWING NO. **1-S9**

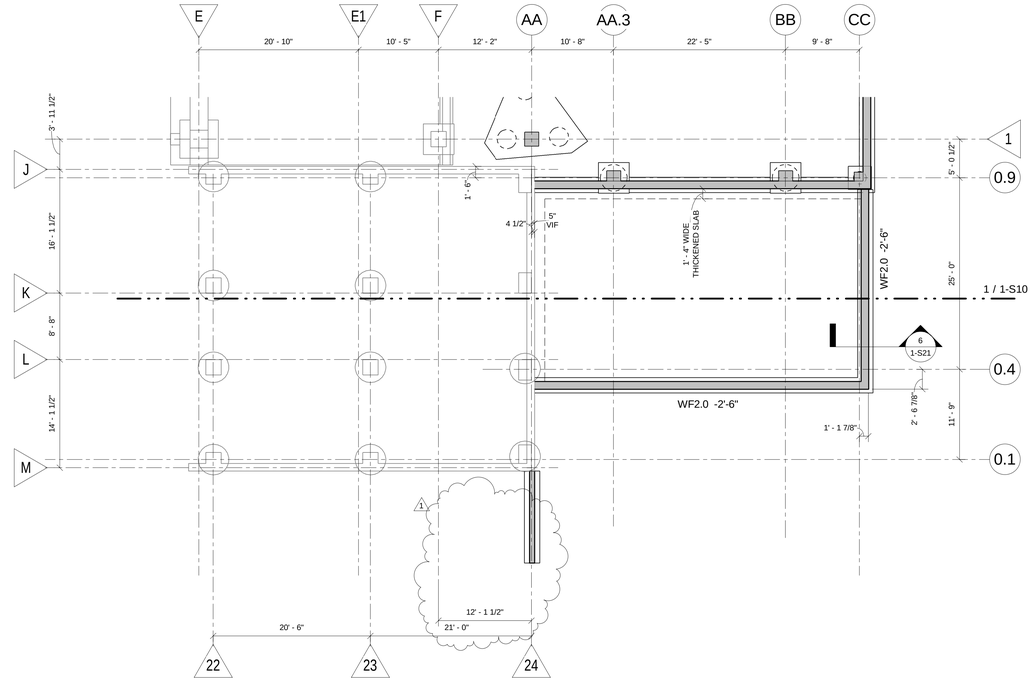
Office of Facilities

Department of Veterans Affairs

VA FORM 08-6231, FEB. 1983

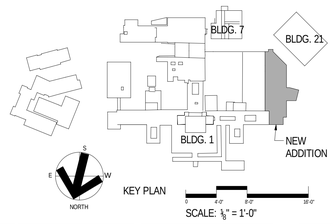


1 ZONE A
1/8" = 1'-0"



2 ZONE B
1/8" = 1'-0"

NOTES :
1. SEE SHEET 1-S1 FOR GENERAL NOTES.
2. REVIEW STRUCTURAL DETAIL SHEETS FOR TYPICAL DETAILS FOR THIS PROJECT. TYPICAL DETAILS ARE NOT NECESSARILY CUT ON THE PLAN SHEETS.
3. 6" CONCRETE SLAB-ON-GRADE - REINF w/ #3 @ 16" OC EA WAY - SUPPORTED ON P/C BLOCKS.
4. TOP OF SLAB EL = -13'-2 1/4", UNO.
5. SEE DETAIL 9/1-S11 FOR ADDITIONAL SLAB REINFORCEMENT AT CORNERS.
6. DIMENSION TO BE COORDINATED w/ REVIEWED SHOP DRAWINGS AND CALCULATIONS FOR PRE-ENGINEERED, PRE-FABRICATED METAL PAN STAIRS.



SCALE: 3/32" = 1'-0"

Revisions	Date	Revisions	Date	Revisions	Date
1 Amendment #A00003	03/12/2015				

HEERY design
Heery International Inc.
125 South Dubuque Street,
Suite 500,
Iowa City, IA 52240-4003
319.354.4700

project number
11-25503

Drawing Title
FLOOR PLAN BASEMENT, ZONE A AND B - DEDUCT ALTERNATE 6

CONSTRUCTION DOCUMENTS

Project Title
EXPAND BLDG. 1 FOR PACT AMBULATORY CARE, RADIOLOGY, EGRESS STAIRWELL

Building No. BLDG 1 | Checked CT | Drawn NS

Location
ICVA HEALTH CARE SYSTEM

Date **12/15/2014**

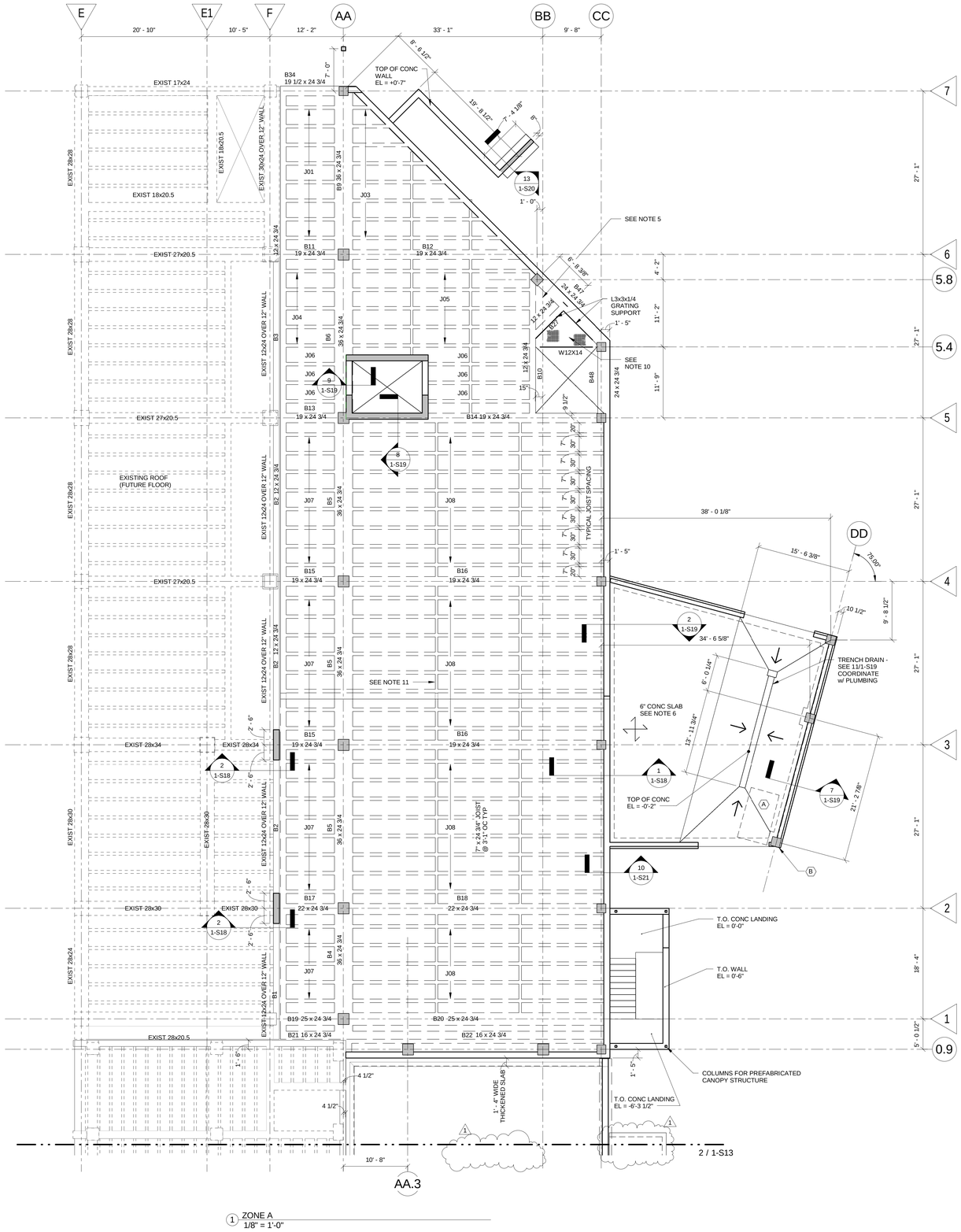
Project No. **636-201**

DRAWING NO. **1-S10**

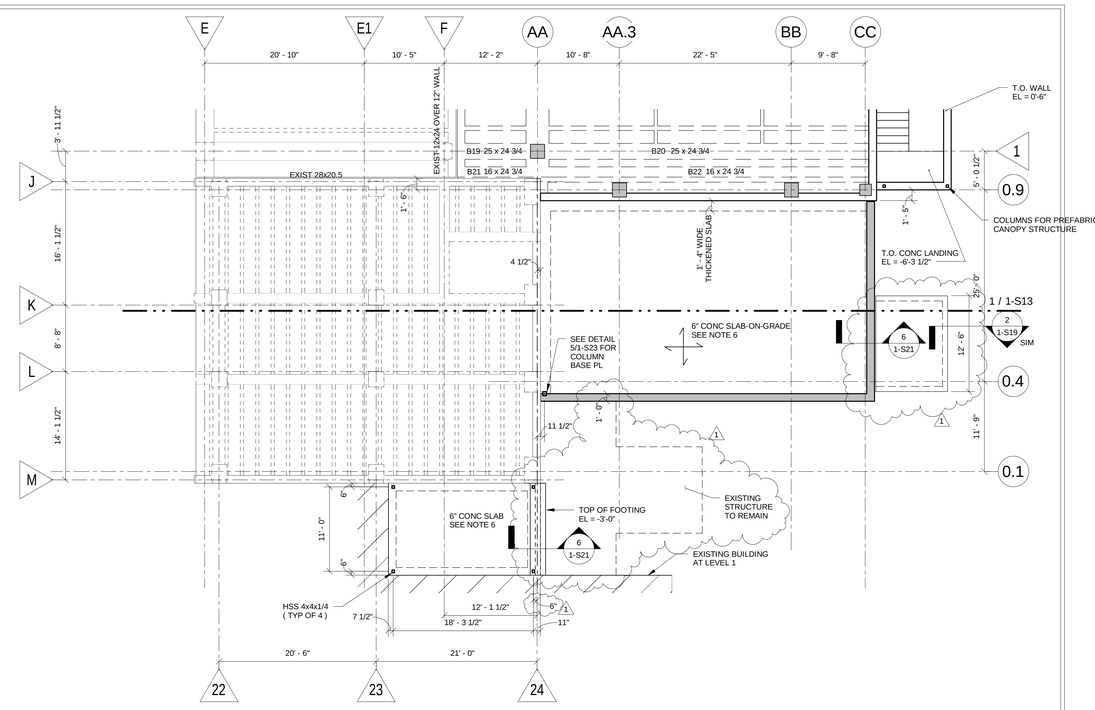
Office of Facilities

Department of Veterans Affairs

VA FORM 08-6231, FEB. 1983



1 ZONE A
1/8" = 1'-0"



2 ZONE B
1/8" = 1'-0"

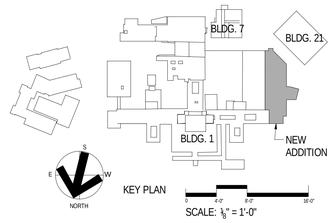
NOTES :

1. SEE SHEET 1-S1 FOR GENERAL NOTES.
2. REVIEW STRUCTURAL DETAIL SHEETS FOR TYPICAL DETAILS FOR THIS PROJECT. TYPICAL DETAILS ARE NOT NECESSARILY CUT ON THE PLAN SHEETS.
3. 4 3/4" CONCRETE SLAB - TYP UNO. REINF w/ #4 @ 12" OC EA WAY.
4. TOP OF SLAB EL = 0'-0" UNO.
5. 6" CAST-IN-PLACE CONCRETE SLAB w/ #4 AT 12" OC EA WAY TOP & BOTTOM.
6. 6" CONCRETE SLAB-ON-GRADE REINF w/ #3 AT 16" OC EA WAY - SUPPORT ON DOBIES.
7. SEE DETAIL 9/1-S11 FOR ADDITIONAL SLAB REINFORCEMENT AT CORNERS.
8. NOT USED
9. NOT USED
10. 1 1/2" x 3/16" GALV STEEL BAR GRATING. COORDINATE LOCATION W/ MECHANICAL. SEE DETAIL 13/1-S19 FOR SUPPORT.
11. DISTRIBUTION RIB - SEE 2/1-S26.

KEYED NOTES :

A EXISTING UTILITY VAULT TO REMAIN

B SEE 3/1-S25 FOR COLUMN INFO



SCALE: 1/8" = 1'-0"

Revisions	Date	Revisions	Date	Revisions	Date
1 Amendment #A00003	03/12/2015				

HEERY design

Heery International Inc.
125 South Dubuque Street,
Suite 500,
Iowa City, IA 52240-4003
319.354.4700

project number
11-25503

Drawing Title
FLOOR FRAMING PLAN LEVEL 1,
ZONE A AND B - BASE BID

CONSTRUCTION DOCUMENTS

Project Title
EXPAND BLDG. 1 FOR PACT
AMBULATORY CARE, RADIOLOGY,
EGRESS STAIRWELL

Building No. BLDG 1 | Checked CT | Drawn NS

Location
ICVA HEALTH CARE SYSTEM

Date **12/15/2014**

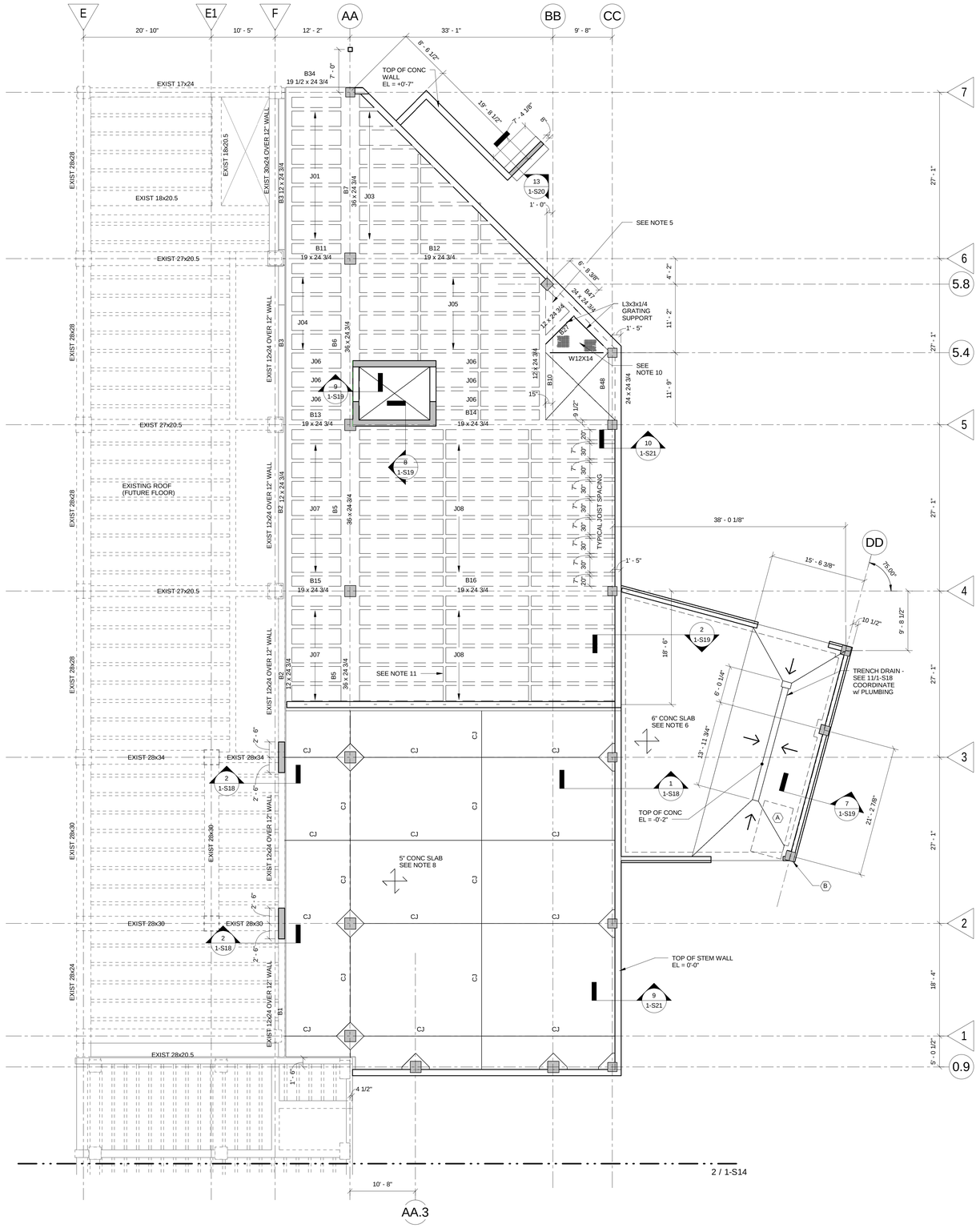
Project No. **636-201**

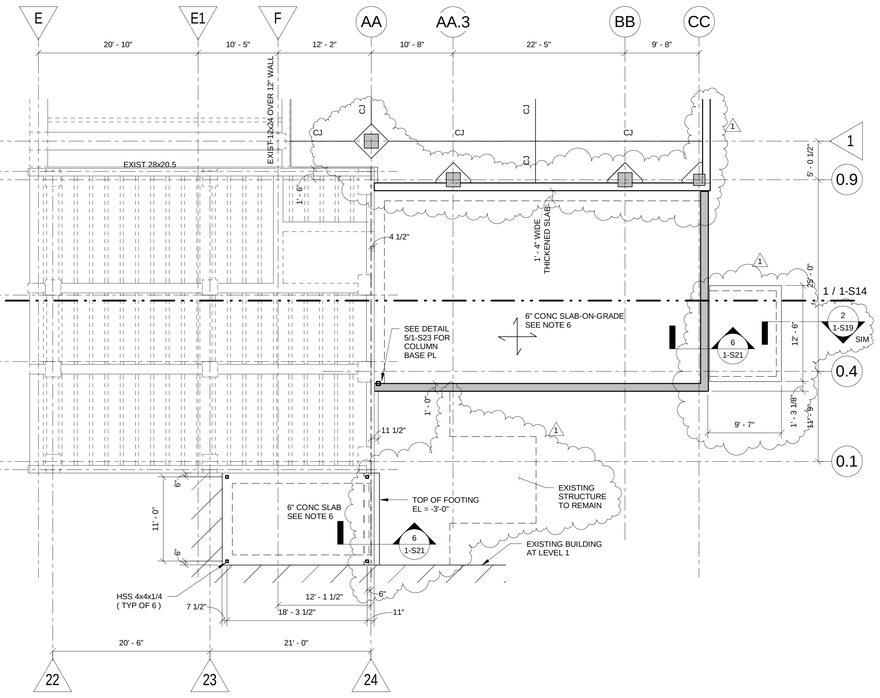
DRAWING NO. **1-S13**

Office of Facilities

Department of Veterans Affairs

VA FORM 08-6231, FEB. 1983





2 ZONE B
1/8" = 1'-0"

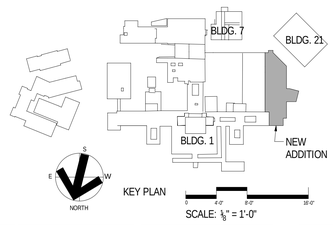
NOTES :

1. SEE SHEET 1-S1 FOR GENERAL NOTES.
2. REVIEW STRUCTURAL DETAIL SHEETS FOR TYPICAL DETAILS FOR THIS PROJECT. TYPICAL DETAILS ARE NOT NECESSARILY CUT ON THE PLAN SHEETS.
3. 4 3/4" CONCRETE SLAB - TYP UNO. REINF w/ #4 @ 12" OC EA WAY.
4. TOP OF SLAB EL = 0'-0" UNO.
5. 6" CAST-IN-PLACE CONCRETE SLAB w/ #4 AT 12" OC EA WAY TOP & BOTTOM.
6. 6" CONCRETE SLAB-ON-GRADE REINF w/ #3 AT 16" OC EA WAY - SUPPORT ON DOBIES.
7. SEE DETAIL 9/1-S11 FOR ADDITIONAL SLAB REINFORCEMENT AT CORNERS.
8. 5" CONCRETE SLAB-ON-GRADE REINF w/ #3 AT 16" OC EA WAY - SUPPORT ON DOBIES.
9. NOT USED
10. 1 1/2" x 3/16" GALV STEEL BAR GRATING. COORDINATE LOCATION W/ MECHANICAL. SEE DETAIL 13/1-S19 FOR SUPPORT.
11. DISTRIBUTION RIB - SEE 2/1-S26.

KEYED NOTES :

(A) EXISTING UTILITY VAULT TO REMAIN

(B) SEE 3/1-S25 FOR COLUMN INFO



SCALE: 1/16" = 1'-0"

Revisions	Date	Revisions	Date	Revisions	Date
1 Amendment #A00003	03/12/2015				

HEERY design

Heery International Inc.
125 South Dubuque Street,
Suite 500,
Iowa City, IA 52240-4003
319.354.4700

project number
11-25503

Drawing Title
FLOOR FRAMING PLAN LEVEL 1, ZONE A AND B - DEDUCT ALTERNATE 5

CONSTRUCTION DOCUMENTS

Project Title
EXPAND BLDG. 1 FOR PACT AMBULATORY CARE, RADIOLOGY, EGRESS STAIRWELL

Building No. BLDG 1 | Checked CT | Drawn NS

Location
ICVA HEALTH CARE SYSTEM

Date **12/15/2014**

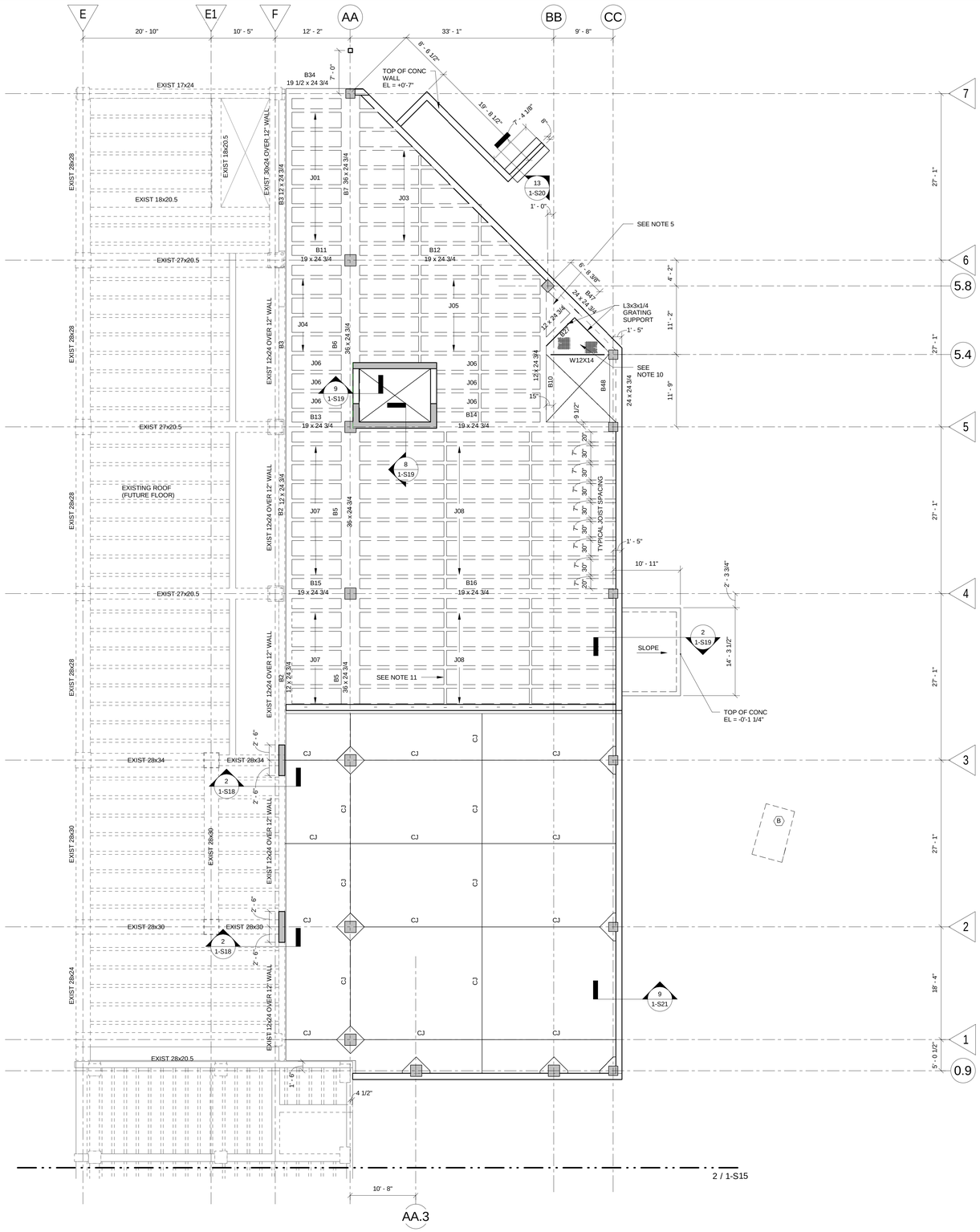
Project No. **636-201**

DRAWING NO. **1-S14**

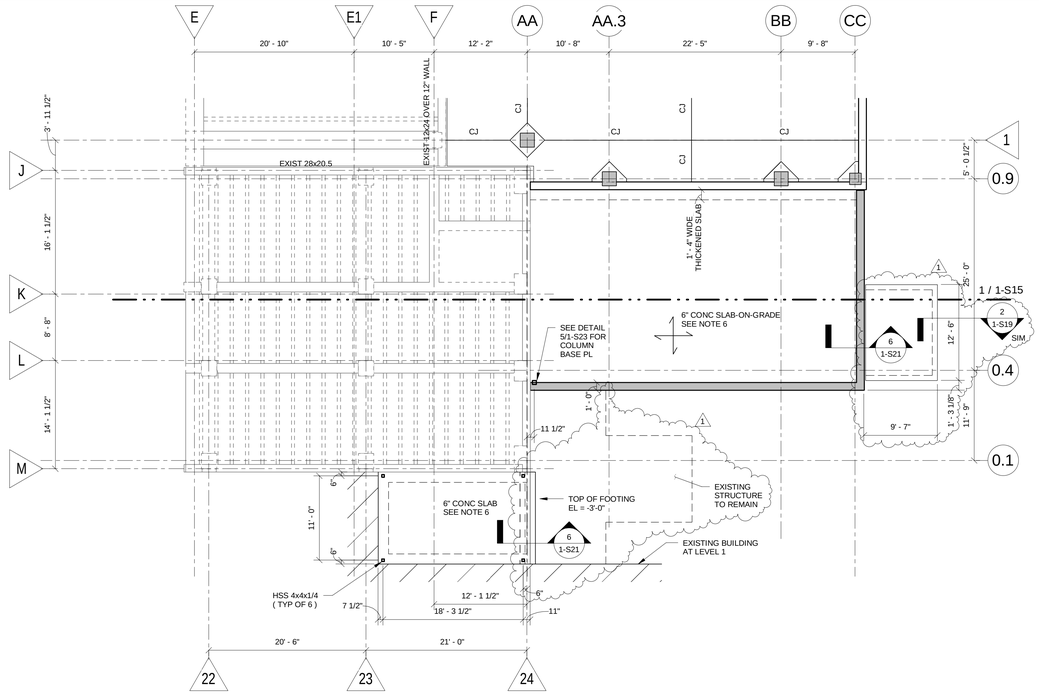
Office of Facilities

Department of Veterans Affairs

VA FORM 08-6231, FEB. 1983



1 ZONE A
1/8" = 1'-0"



2 ZONE B
1/8" = 1'-0"

NOTES :

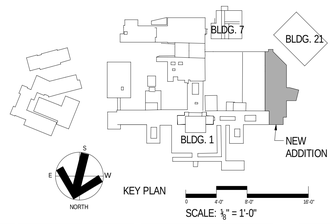
1. SEE SHEET 1-S1 FOR GENERAL NOTES.
2. REVIEW STRUCTURAL DETAIL SHEETS FOR TYPICAL DETAILS FOR THIS PROJECT. TYPICAL DETAILS ARE NOT NECESSARILY CUT ON THE PLAN SHEETS.
3. 4 3/4" CONCRETE SLAB - TYP UNO. REINF w/ #4 @ 12" OC EA WAY.
4. TOP OF SLAB EL = 0'-0" UNO.
5. 6" CAST-IN-PLACE CONCRETE SLAB w/ #4 AT 12" OC EA WAY TOP & BOTTOM.
6. 6" CONCRETE SLAB-ON-GRADE REINF w/ #3 AT 16" OC EA WAY - SUPPORT ON DOBIES.
7. SEE DETAIL 9/1-S11 FOR ADDITIONAL SLAB REINFORCEMENT AT CORNERS.
8. NOT USED
9. NOT USED
10. 1 1/2" x 3/16" GALV STEEL BAR GRATING. COORDINATE LOCATION W/ MECHANICAL. SEE DETAIL 13/1-S19 FOR SUPPORT.
11. DISTRIBUTION RIB - SEE 2/1-S26.

KEYED NOTES :

A. TOP OF CAISSON CAP EL = -2'-0"
TOP OF CAISSON EL = -4'-9"

B. EXISTING UTILITY VAULT TO REMAIN

C. SEE 3/1-S25 FOR COLUMN INFO



Revisions	Date	Revisions	Date	Revisions	Date
1 Amendment #A00003	03/12/2015				

HEERY design
Heery International Inc.
125 South Dubuque Street,
Suite 500,
Iowa City, IA 52240-4003
319.354.4700

project number
11-25503

Drawing Title
FLOOR FRAMING PLAN LEVEL 1, ZONE A AND B - DEDUCT ALTERNATE 6

CONSTRUCTION DOCUMENTS

Project Title
EXPAND BLDG. 1 FOR PACT AMBULATORY CARE, RADIOLOGY, EGRESS STAIRWELL

Building No. BLDG 1 | Checked CT | Drawn NS

Location
ICVA HEALTH CARE SYSTEM

Date **12/15/2014**

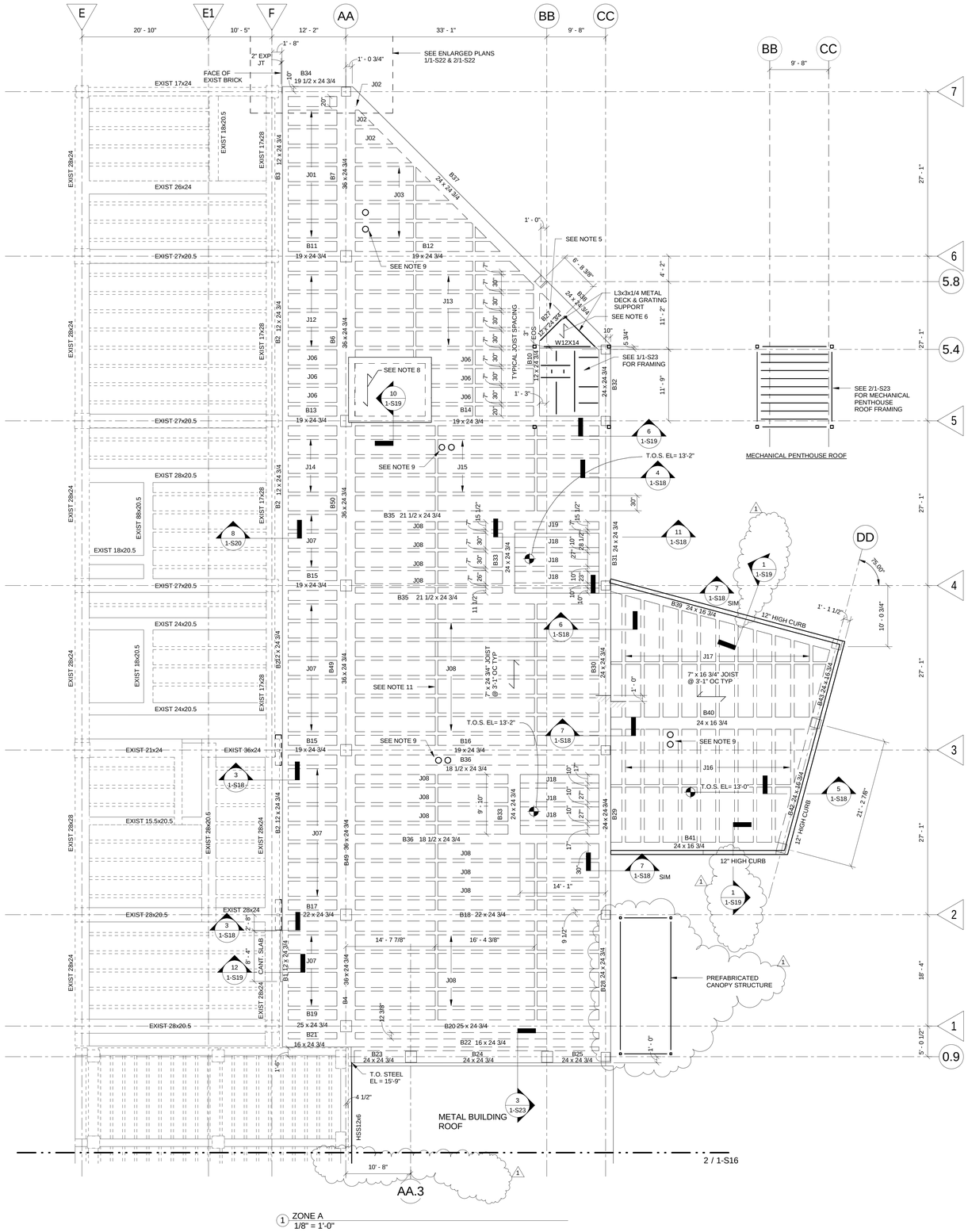
Project No. **636-201**

DRAWING NO. **1-S15**

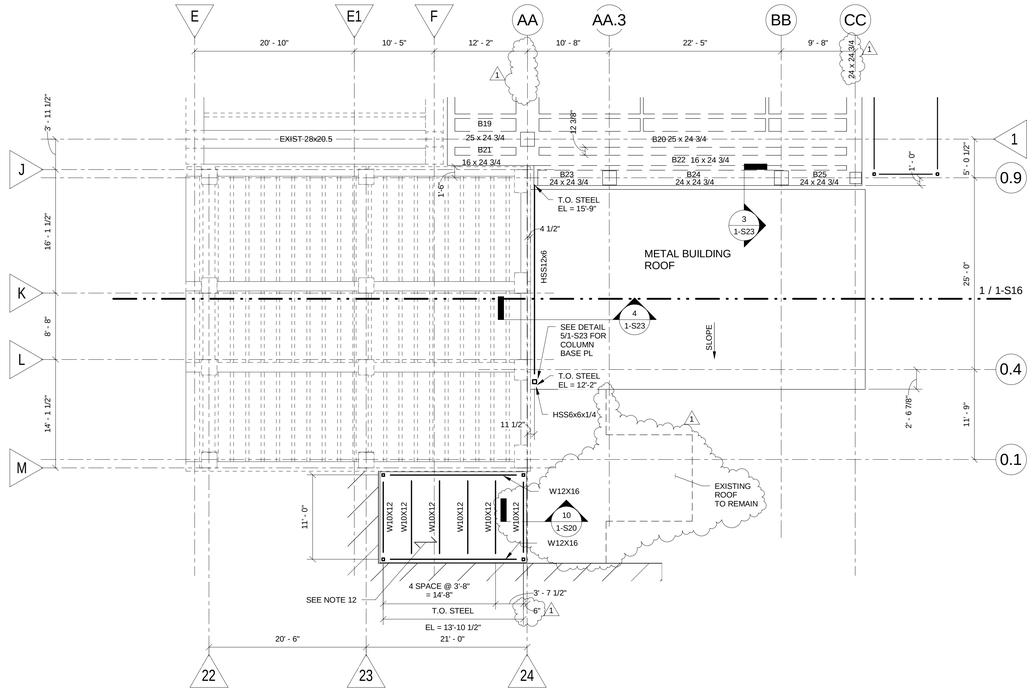
Office of Facilities

Department of Veterans Affairs

VA FORM 08-6231, FEB. 1983



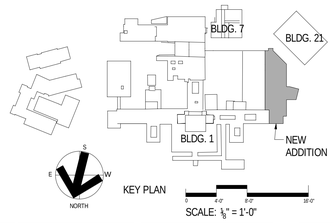
1 ZONE A
1/8" = 1'-0"



2 ZONE B
1/8" = 1'-0"

NOTES :

1. SEE SHEET 1-S1 FOR GENERAL NOTES.
2. REVIEW STRUCTURAL DETAIL SHEETS FOR TYPICAL DETAILS FOR THIS PROJECT. TYPICAL DETAILS ARE NOT NECESSARILY CUT ON THE PLAN SHEETS.
3. 4 3/4" CONCRETE SLAB - TYP UNO. REINF w/ #4 @ 12" OC EA WAY.
4. TOP OF SLAB EL = 14'-0" UNO.
5. 6" CAST-IN-PLACE CONCRETE SLAB w/ #4 AT 12" OC EA WAY TOP & BOTTOM.
6. 4" COMPOSITE SLAB - 2 1/2" NORMAL WT CONCRETE: + 1 1/2" COMPOSITE 18 GA METAL DECK REINF w/ 6x6-W2.1xW2.1 (FLAT SHEETS).
7. NOT USED
8. 6" COMPOSITE SLAB - 4" NORMAL WEIGHT CONCRETE + 2" COMPOSITE 18 GA METAL DECK REINF w/ 6x6 - W2.1xW2.1 (FLAT SHEETS).
9. ROOF DRAIN LOCATIONS. COORDINATE w/ ARCH. DRAINS SHALL NOT BE PLACED DIRECTLY OVER STRUCTURAL BEAMS.
10. 1", 20 GA. NON-COMPOSITE DECK (GALV) SUPPORTED ON 6", 18 GA STUDS AT 16" OC. ATTACH DECK TO SUPPORTS WITH #10 TEK SCREWS WITH A 33/4 PATTERN. FASTEN SIDE LAPS WITH #10 TEK SCREWS AT 16" OC.
11. DISTRIBUTION RIB - SEE 2/1-S26.
12. 1 1/2", 18 GA. TYPE "B" ROOF DECK (GALV) ATTACH w/ 4-#10 TEK SCREWS AT SIDELAPS AND 5/8" PUDDLE WELDS AT SUPPORTS (36/4 PATTERN).



SCALE: 1/8" = 1'-0"

Revisions	Date	Revisions	Date	Revisions	Date
1 Amendment #A00003	03/12/2015				

HEERY design
Heery International Inc.
125 South Dubuque Street,
Suite 500,
Iowa City, IA 52240-4003
319.354.4700

project number
11-25503

Drawing Title
FLOOR AND ROOF FRAMING PLAN LEVEL 2, ZONE A AND B - BASE BID

CONSTRUCTION DOCUMENTS

Project Title
EXPAND BLDG. 1 FOR PACT AMBULATORY CARE, RADIOLOGY, EGRESS STAIRWELL

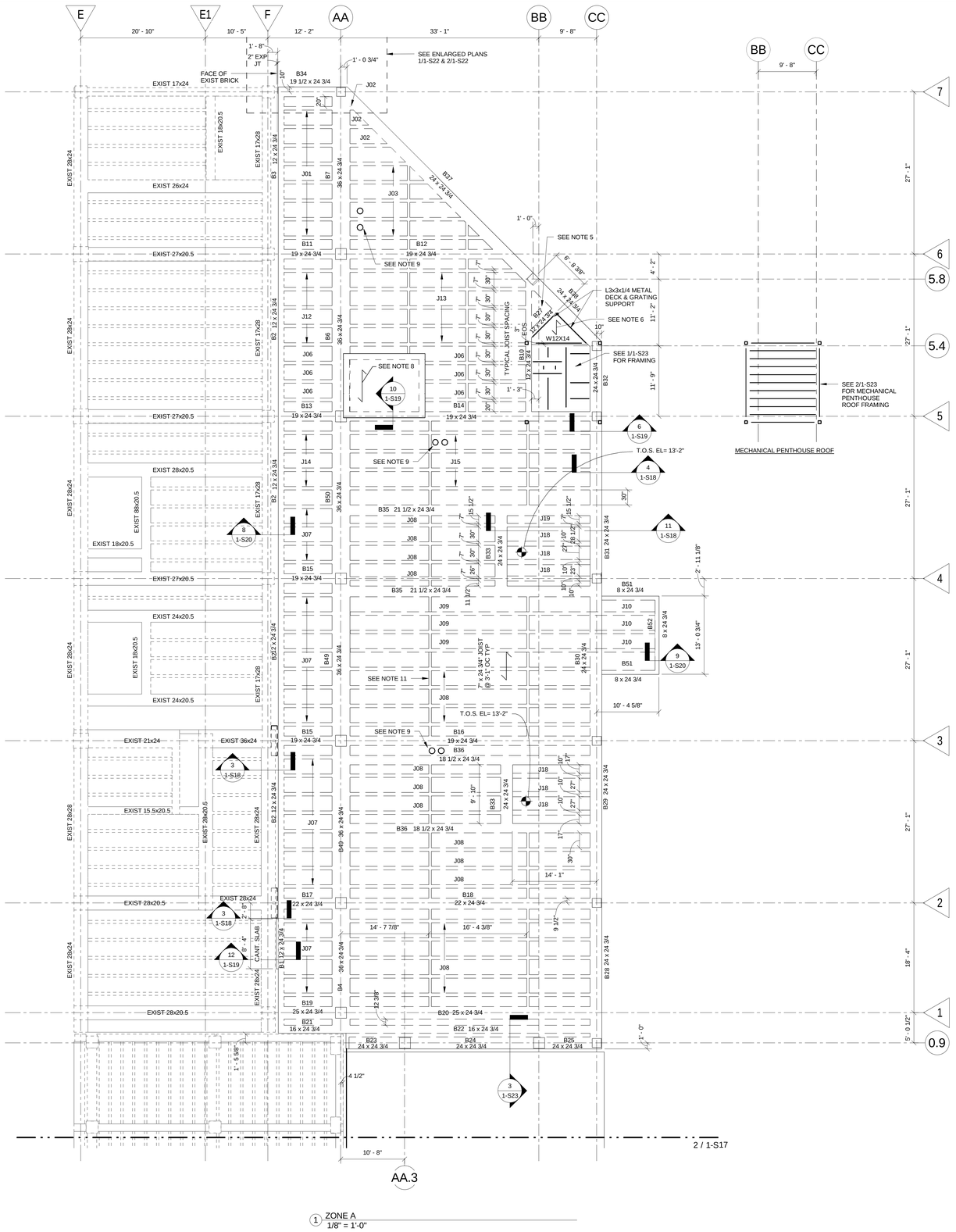
Building No. BLDG 1 | Checked CT | Drawn NS

Location
ICVA HEALTH CARE SYSTEM

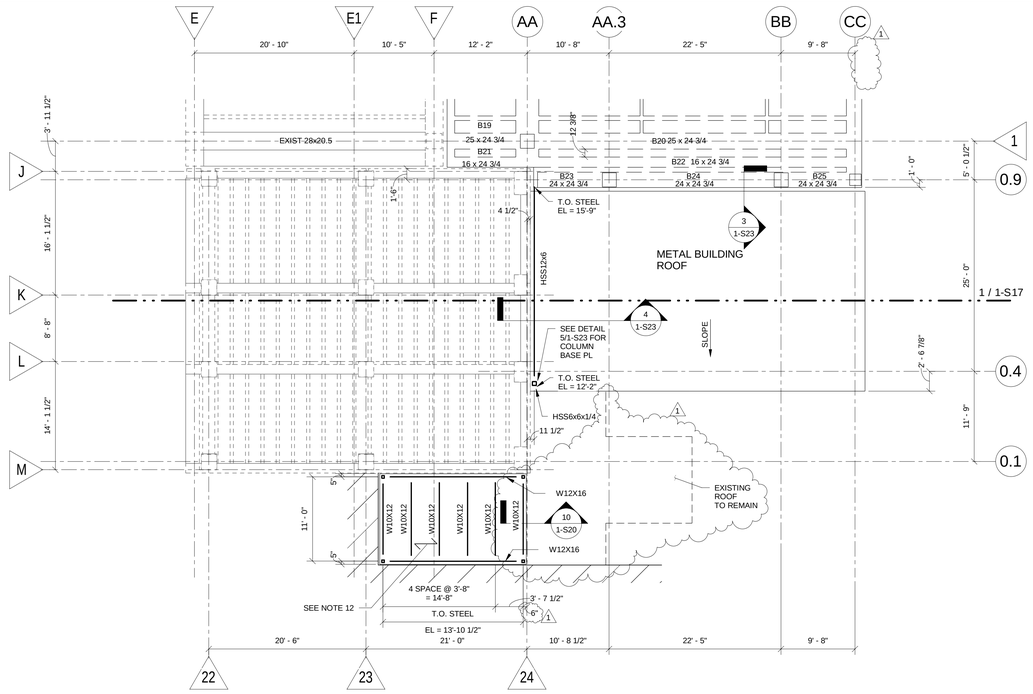
Date **12/15/2014**
Project No. **636-201**
DRAWING NO. **1-S16**

Office of Facilities
Department of Veterans Affairs

VA FORM 08-6231, FEB. 1983



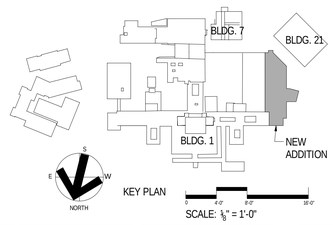
1 ZONE A
1/8" = 1'-0"



2 ZONE B
1/8" = 1'-0"

NOTES :

1. SEE SHEET 1-S1 FOR GENERAL NOTES.
2. REVIEW STRUCTURAL DETAIL SHEETS FOR TYPICAL DETAILS FOR THIS PROJECT. TYPICAL DETAILS ARE NOT NECESSARILY CUT ON THE PLAN SHEETS.
3. 4 3/4" CONCRETE SLAB - TYP UNO. REINF w/ #4 @ 12" OC EA WAY.
4. TOP OF SLAB EL = 14'-0" UNO.
5. 6" CAST-IN-PLACE CONCRETE SLAB w/ #4 AT 12" OC EA WAY TOP & BOTTOM.
6. 4" COMPOSITE SLAB - 2 1/2" NORMAL WT CONCRETE + 1 1/2" COMPOSITE 18 GA METAL DECK REINF w/ 6x6-W2.1xW2.1 (FLAT SHEETS).
7. NOT USED
8. 6" COMPOSITE SLAB - 4" NORMAL WEIGHT CONCRETE + 2" COMPOSITE 18 GA METAL DECK REINF w/ 6x6 - W2.1xW2.1 (FLAT SHEETS).
9. ROOF DRAIN LOCATIONS COORDINATE w/ ARCH. DRAINS SHALL NOT BE PLACED DIRECTLY OVER STRUCTURAL BEAMS.
10. 1", 20 GA, NON-COMPOSITE DECK (GALV) SUPPORTED ON 6", 18 GA STUDS AT 16" OC. ATTACH DECK TO SUPPORTS WITH #10 TEK SCREWS WITH A 33/4 PATTERN. FASTEN SIDE LAPS WITH #10 TEK SCREWS AT 16" OC.
11. DISTRIBUTION RIB - SEE 2/1-S26.
12. 1 1/2", 18 GA, TYPE "B" ROOF DECK (GALV) ATTACH w/ 4-#10 TEK SCREWS AT SIDELAPS AND 5/8" PUDDLE WELDS AT SUPPORTS (36/4 PATTERN).



SCALE: 1/16" = 1'-0"

Revisions	Date	Revisions	Date	Revisions	Date
1 Amendment #A00003	03/12/2015				

HEERY design
Heery International Inc.
125 South Dubuque Street,
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Iowa City, IA 52240-4003
319.354.4700

project number 11-25503

Drawing Title: FLOOR AND ROOF FRAMING PLAN LEVEL 2, ZONE A AND B - DEDUCT ALTERNATE 6

CONSTRUCTION DOCUMENTS

Project Title: EXPAND BLDG. 1 FOR PACT AMBULATORY CARE, RADIOLOGY, EGRESS STAIRWELL

Building No.: BLDG 1 | Checked: CT | Drawn: NS

Location: **ICVA HEALTH CARE SYSTEM**

Date: **12/15/2014**

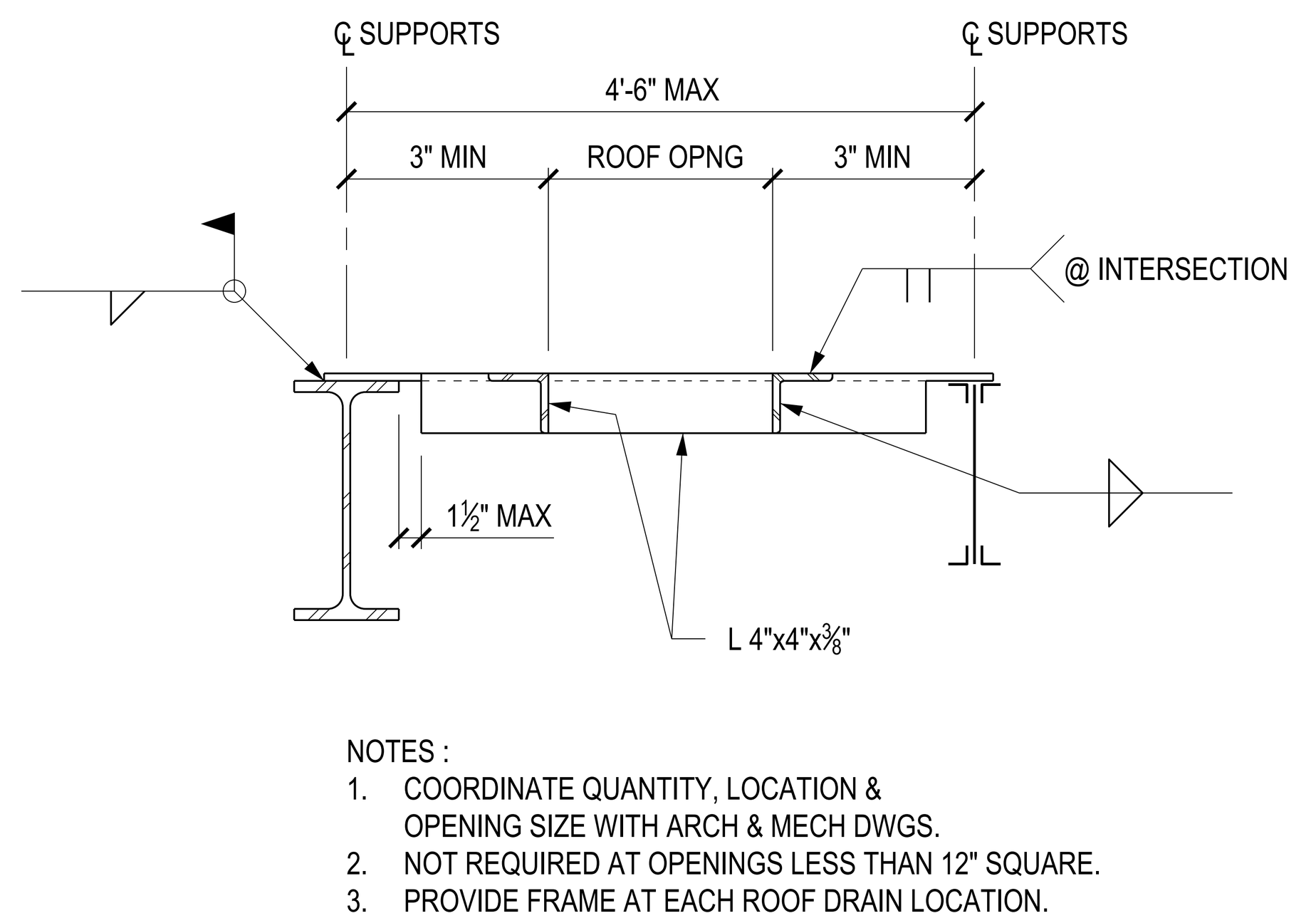
Project No.: **636-201**

DRAWING NO.: **1-S17**

Office of Facilities

Department of Veterans Affairs

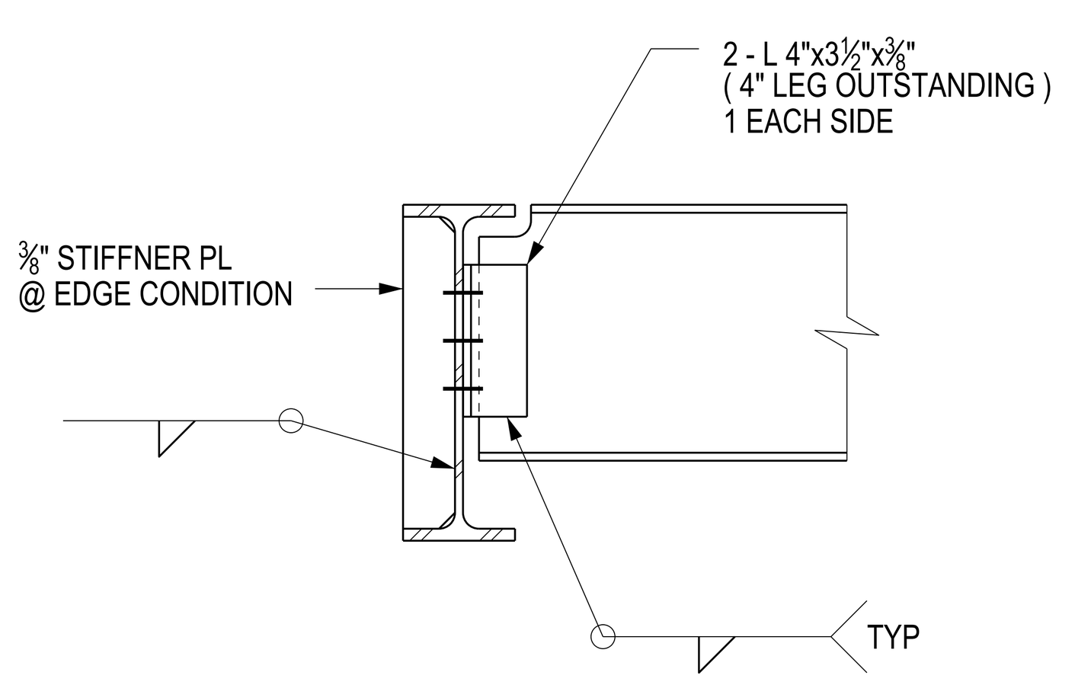
VA FORM 08-6231, FEB. 1983



NOTES :
1. COORDINATE QUANTITY, LOCATION & OPENING SIZE WITH ARCH & MECH DWGS.
2. NOT REQUIRED AT OPENINGS LESS THAN 12" SQUARE.
3. PROVIDE FRAME AT EACH ROOF DRAIN LOCATION.

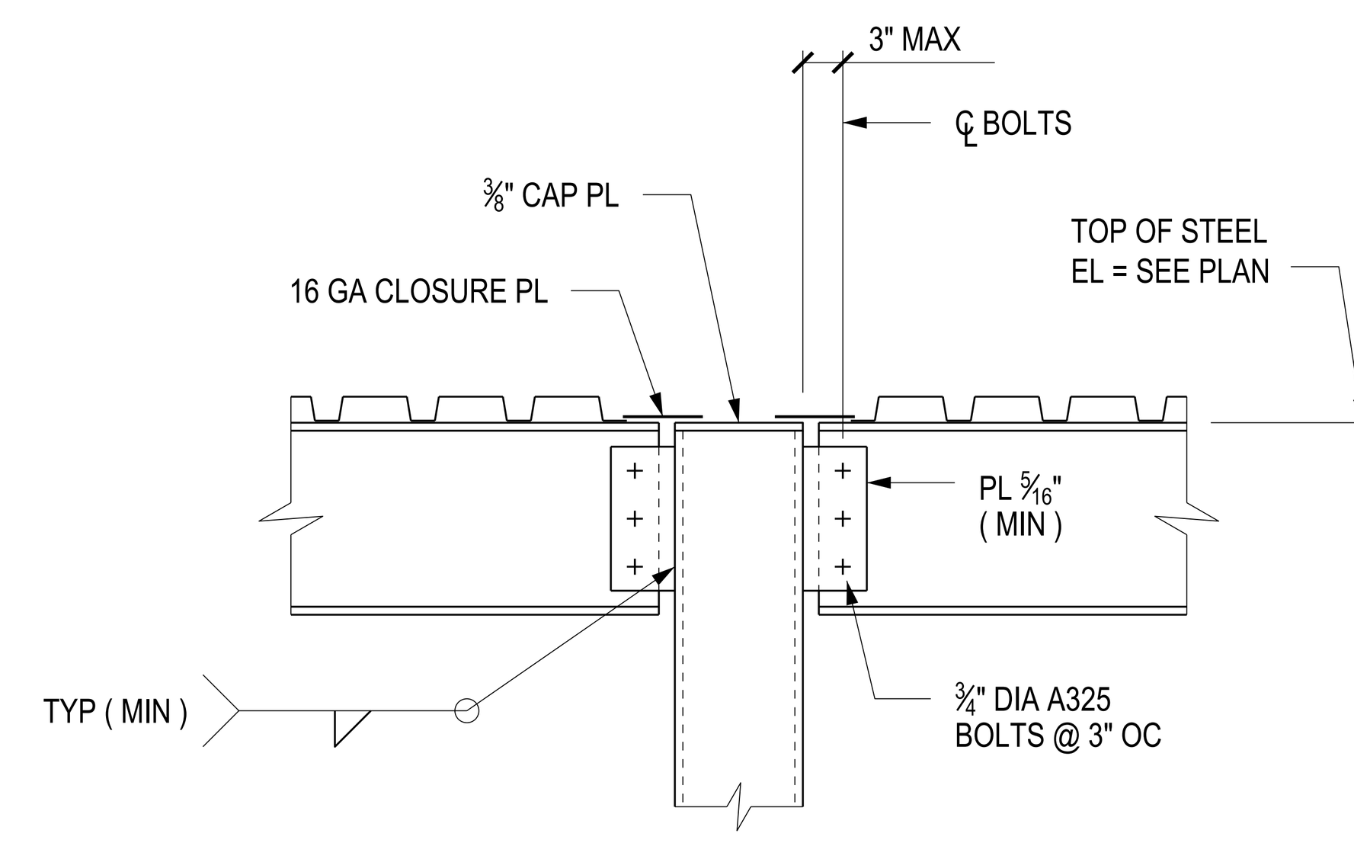
1 TYP FRAMED ROOF OPENING

NOTES :
1. CONNECTION SHOWN IS SCHEMATIC.
2. DESIGN OF CONNECTION TO BE PREFORMED BY STEEL FABRICATORS ENGINEER, PER SPECIFICATION SECTION 05120.
3. DESIGN CONNECTION FOR REACTIONS NOTED ON THE FRAMING PLAN. IF NO REACTION NOTED THAN DESIGN FOR 10 KIP MIN REACTION.

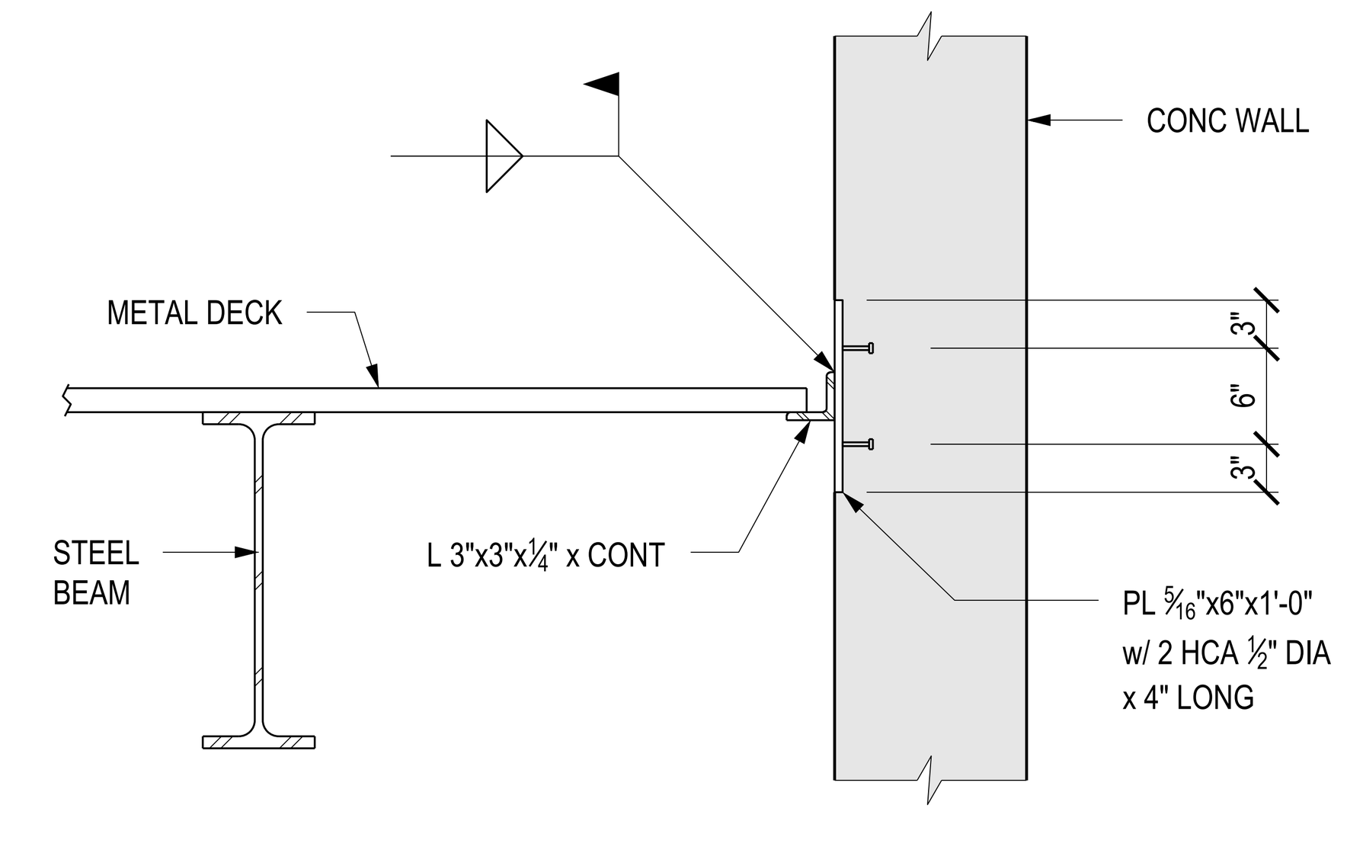


2 TYP BM TO BM CONNECTION

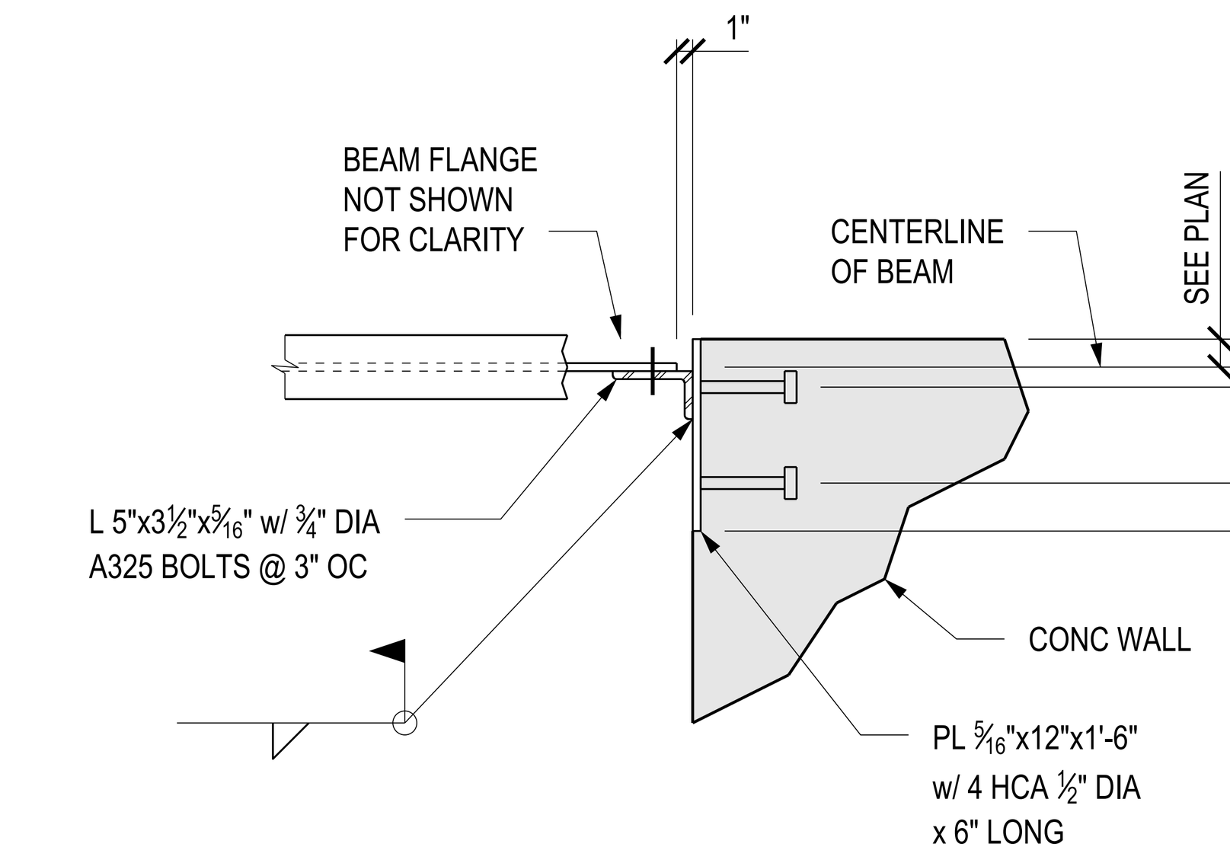
NOTES :
1. CONNECTION SHOWN IS SCHEMATIC.
2. DESIGN OF CONNECTION TO BE PREFORMED BY STEEL FABRICATORS ENGINEER, PER SPECIFICATION SECTION 05120.
3. DESIGN CONNECTION FOR REACTIONS NOTED ON THE FRAMING PLAN. IF NO REACTION NOTED THAN DESIGN FOR 10 KIP MIN REACTION.



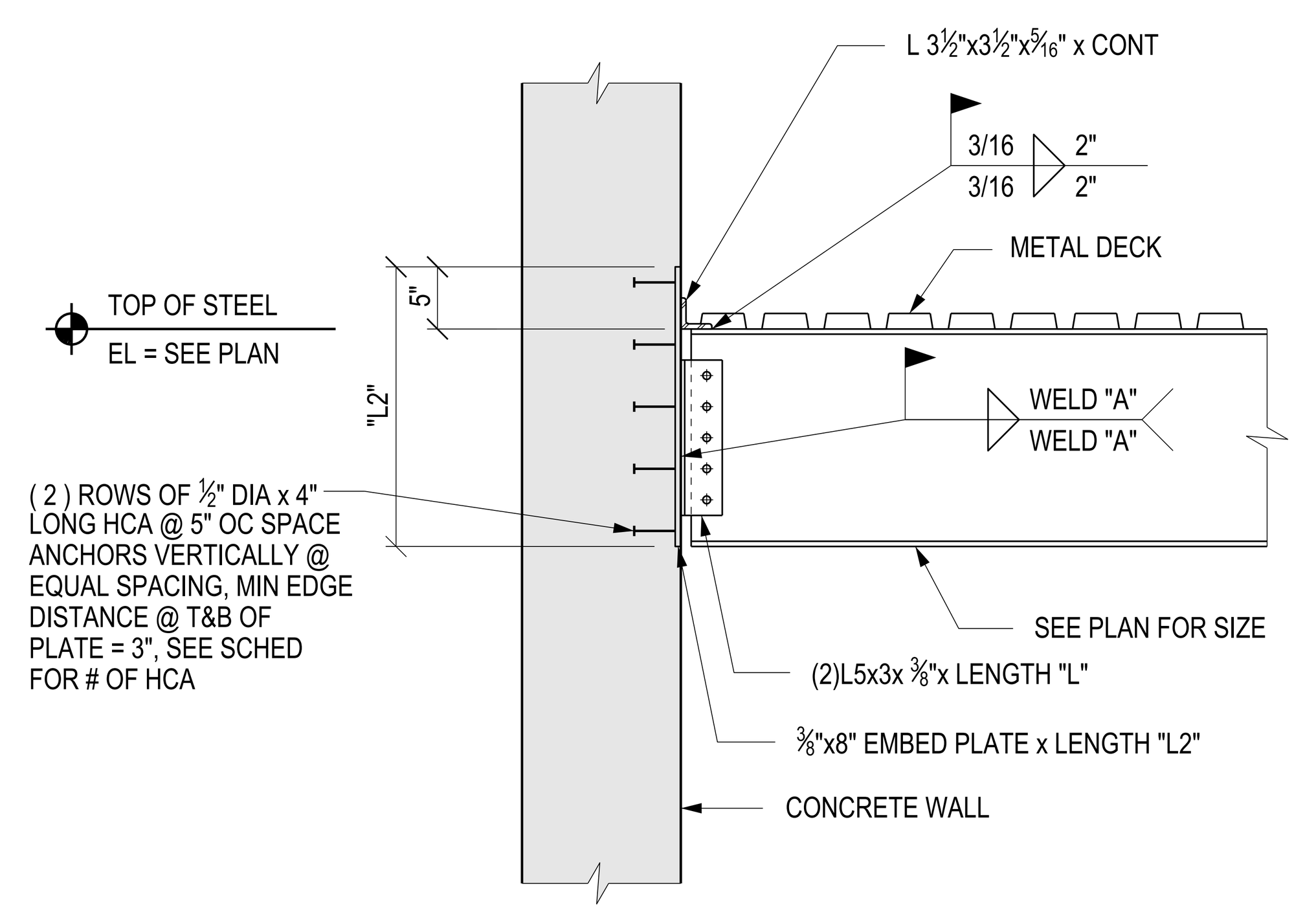
3 TYP BEAM CONNECTION AT TOP OF TUBE COLUMN



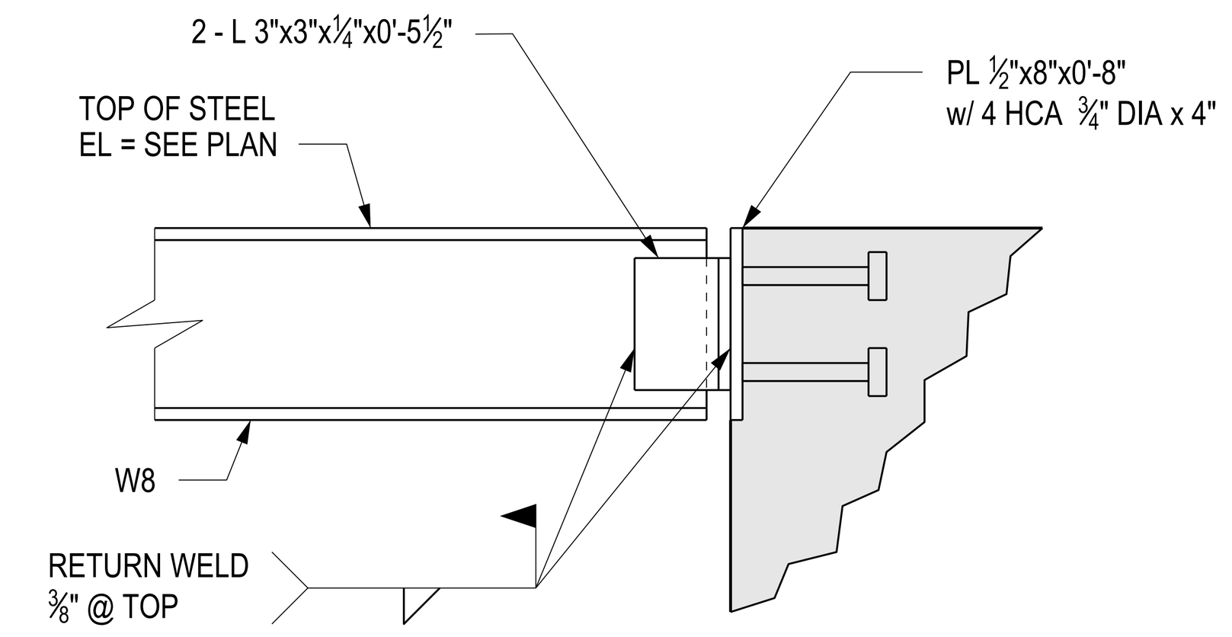
4 TYP DECK CONNECTION AT CONCRETE WALL



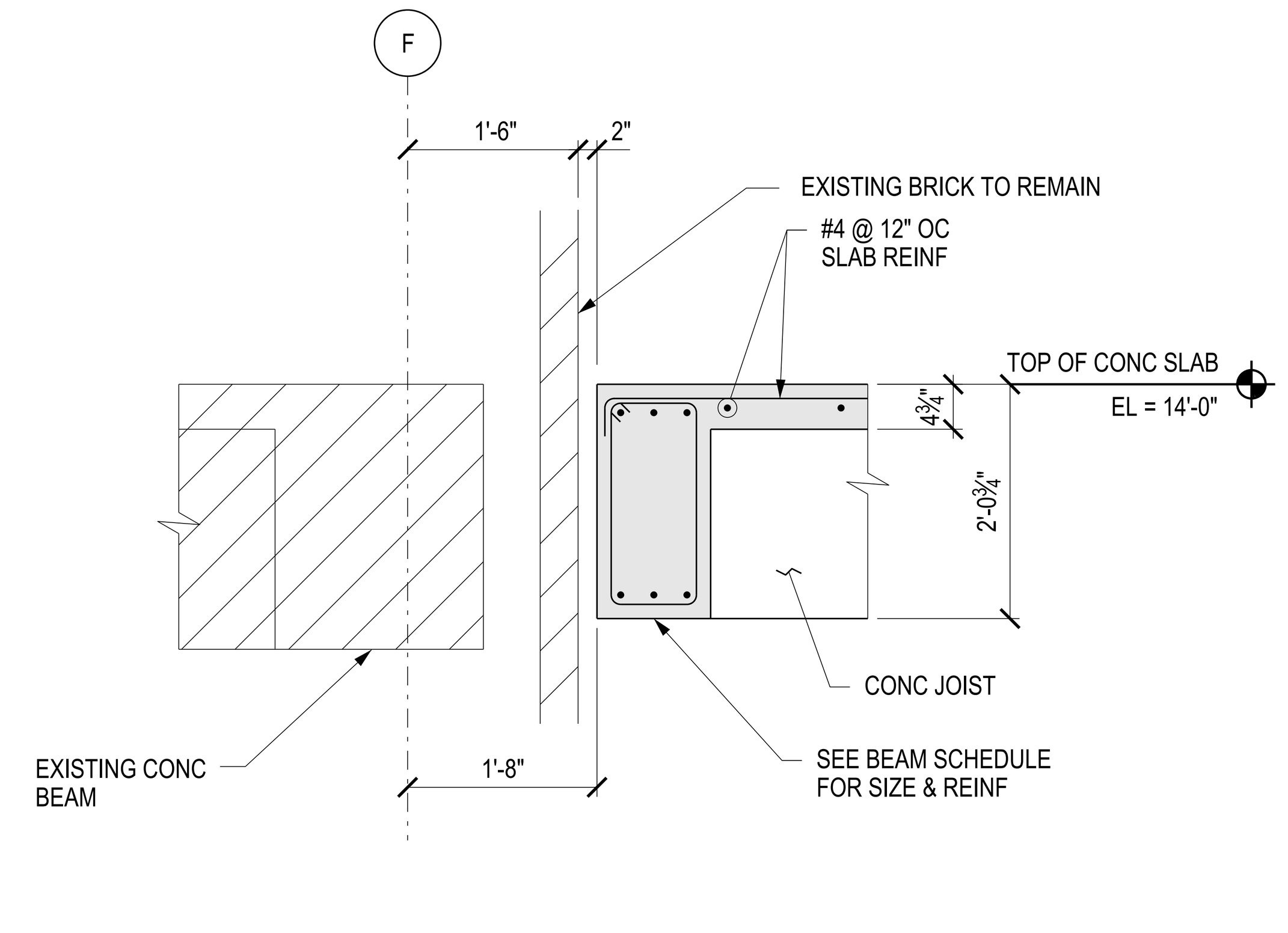
5 TYP STEEL BEAM CONNECTION AT CONCRETE WALL CORNER



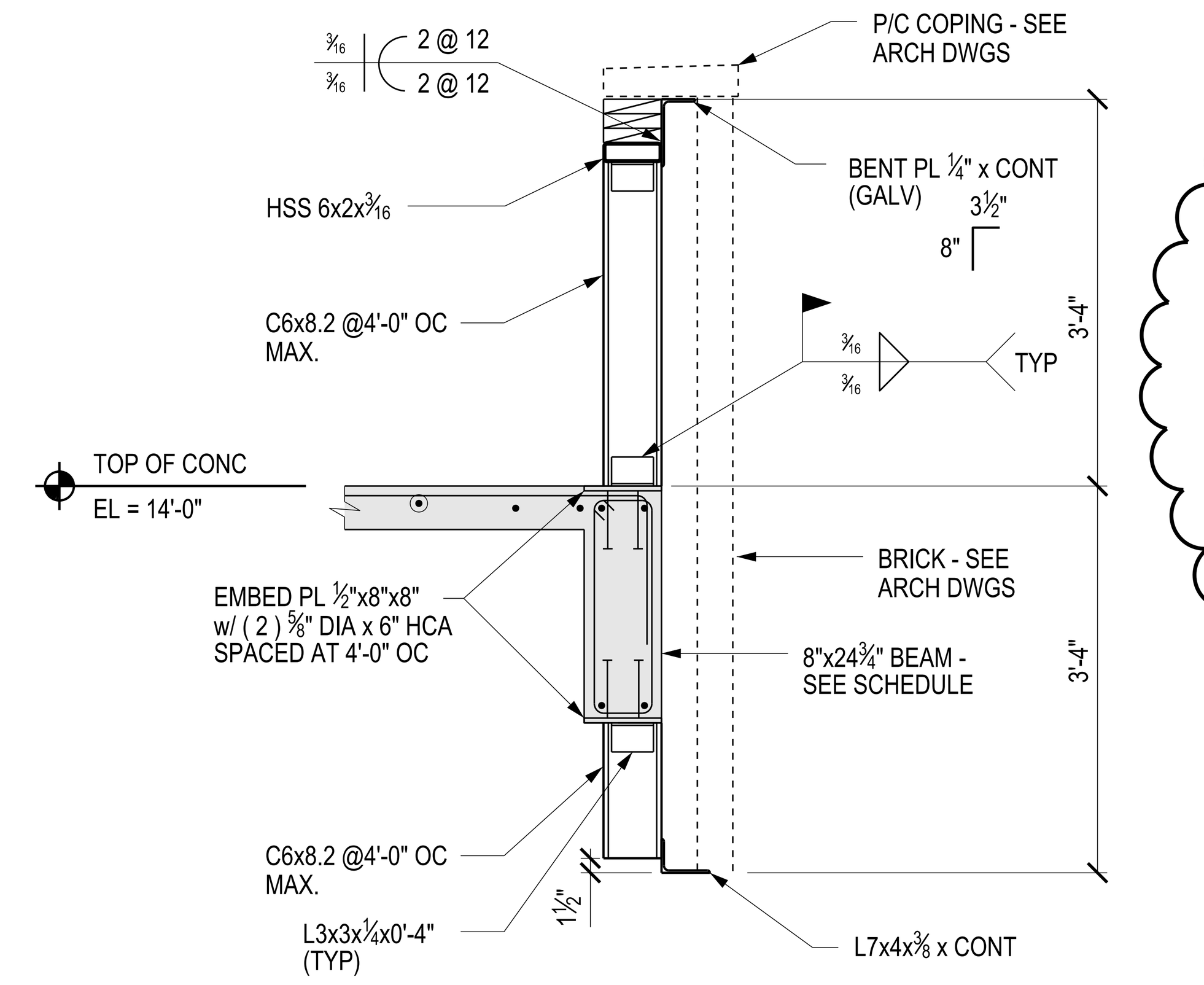
6 TYP STEEL BEAM CONN @ 8" TO 12" CONC WALL



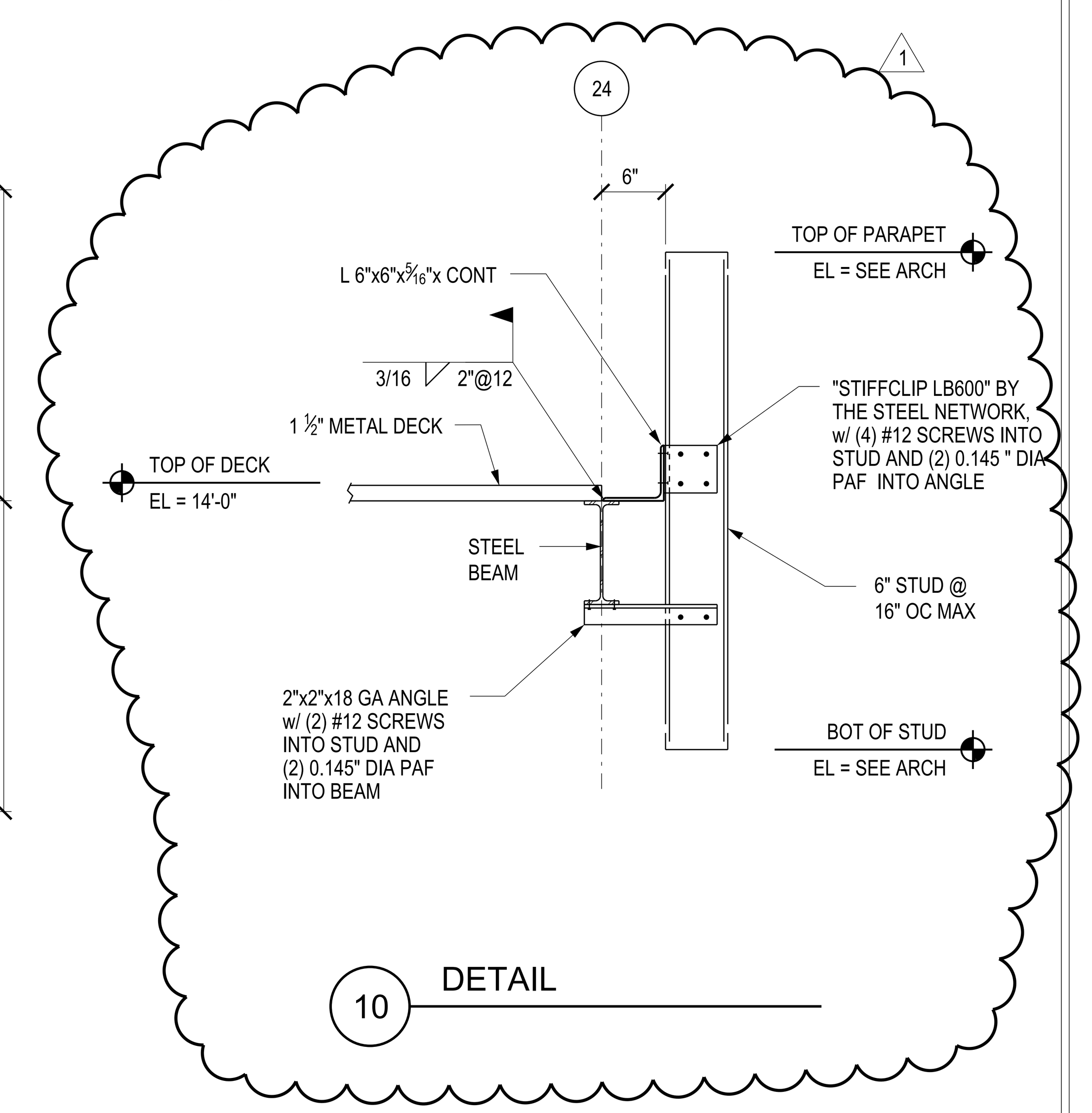
7 TYP ELEVATOR GUIDE RAIL CONNECTION TO CONCRETE



8 SECTION ALONG EXIST BLDG AT LEVEL 2



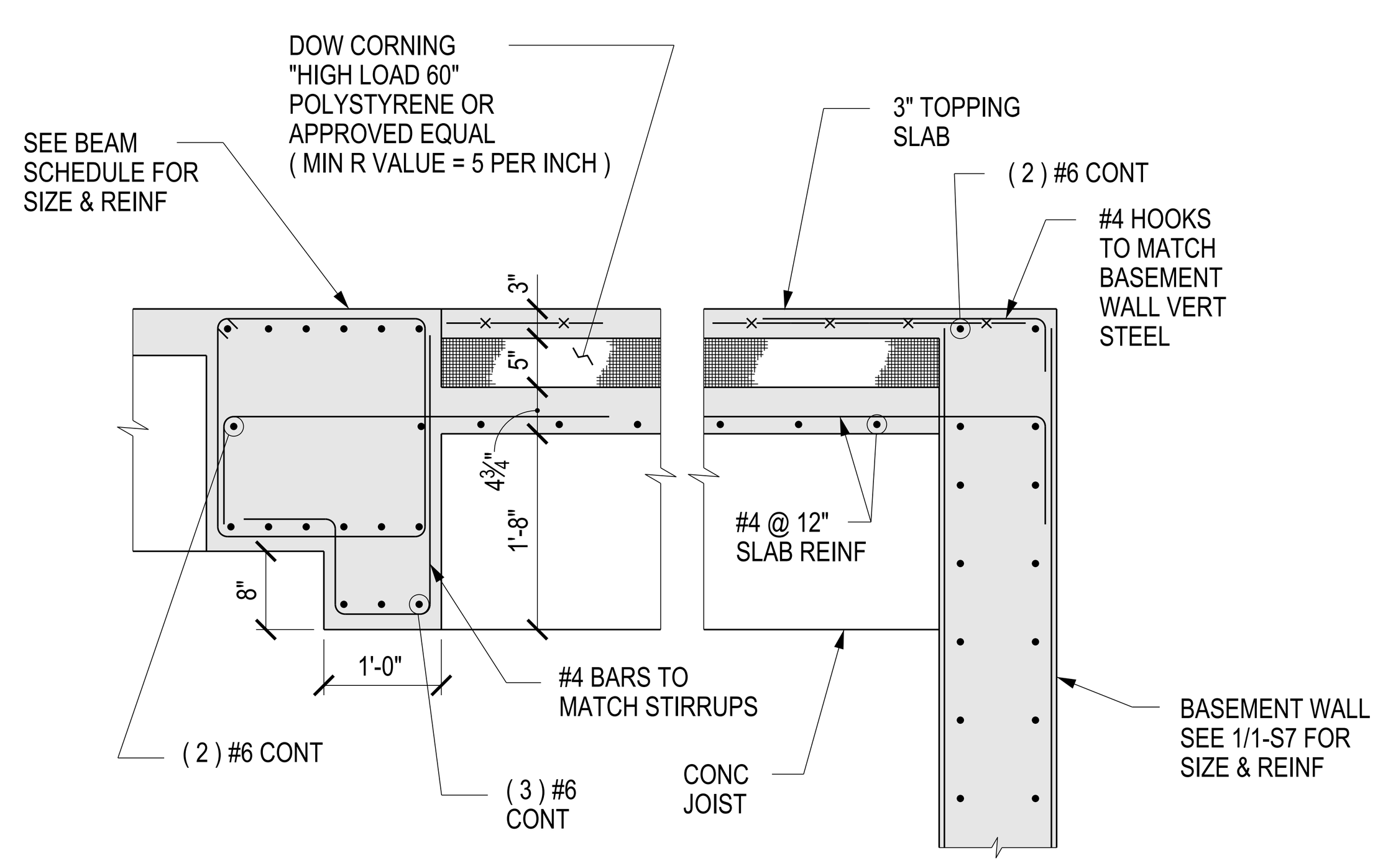
9 SECTION AT CANOPY



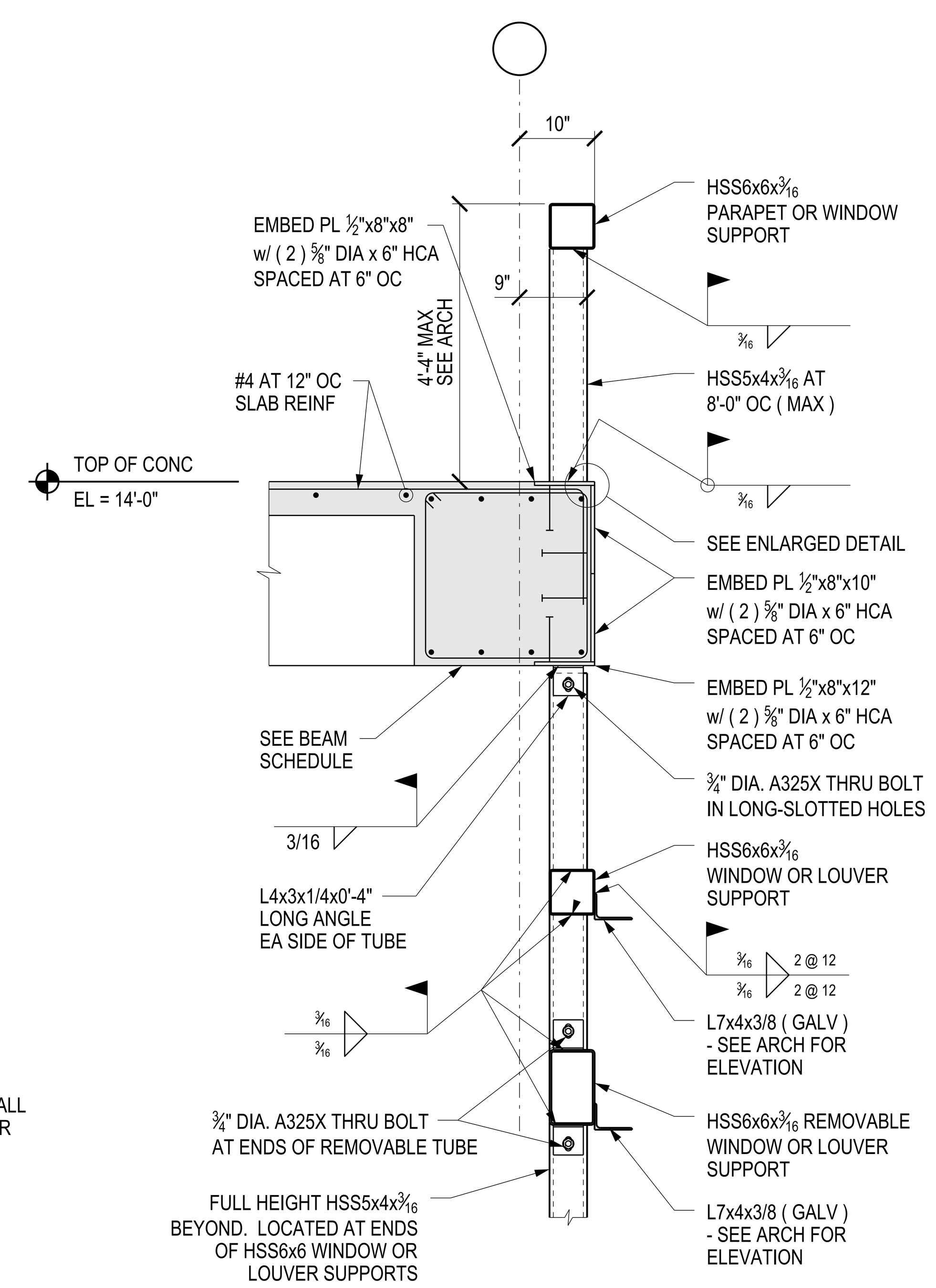
10 DETAIL

SCHEDULE

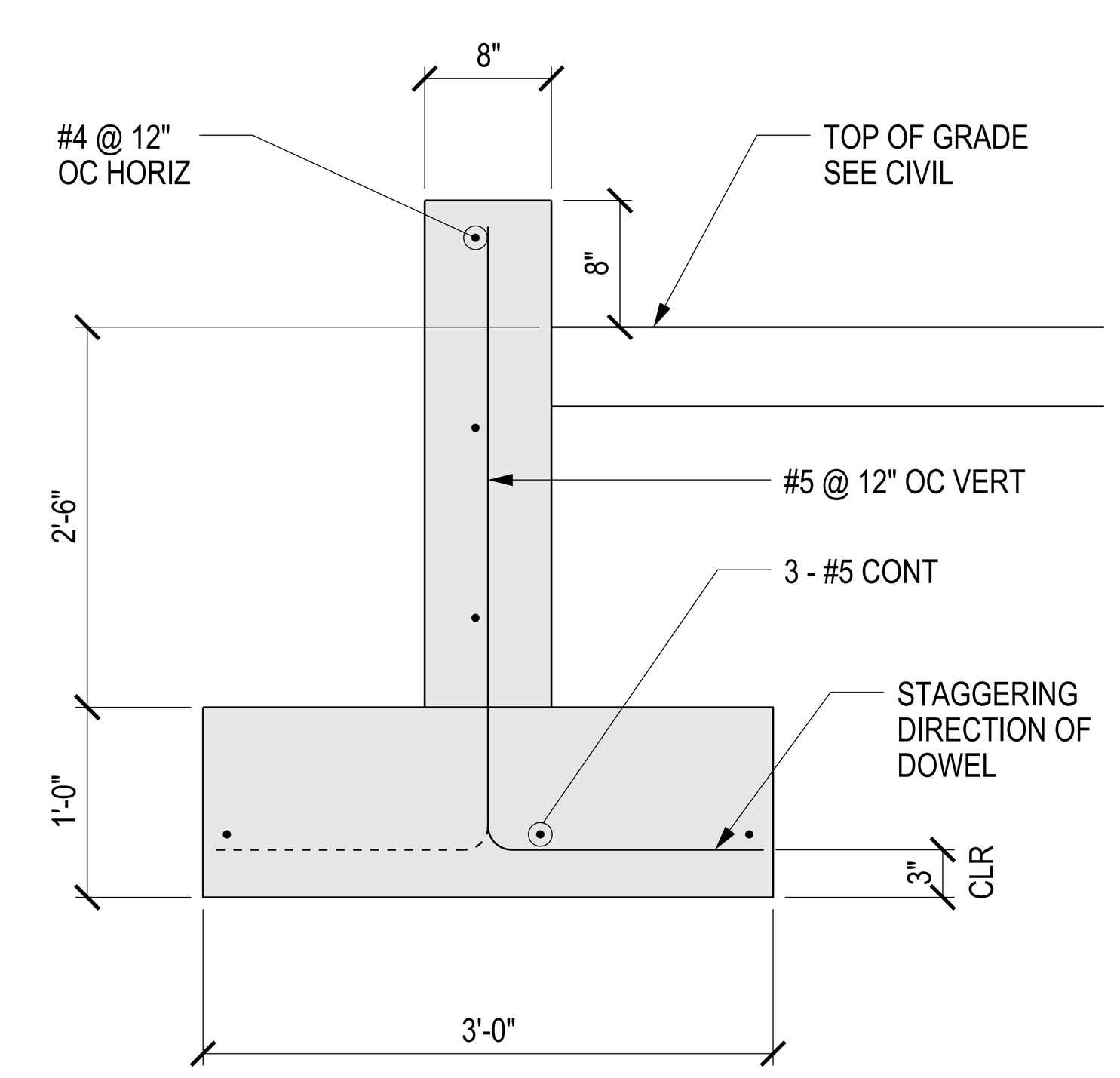
BM	# BOLTS	PLATE LENGTH "L"	WELD "A"	PLATE LENGTH "L2"	# HCA
W8 W10	2	0'-6"	3/16	1'-3"	6
W12 W14	3	0'-9"	¼	1'-7"	8
W16	4	1'-0"	¼	1'-9"	10
W18	5	1'-3"	¼	2'-0"	10
W21	6	1'-6"	¼	2'-3"	10
W24 W27	7	1'-9"	¼	2'-8"	10



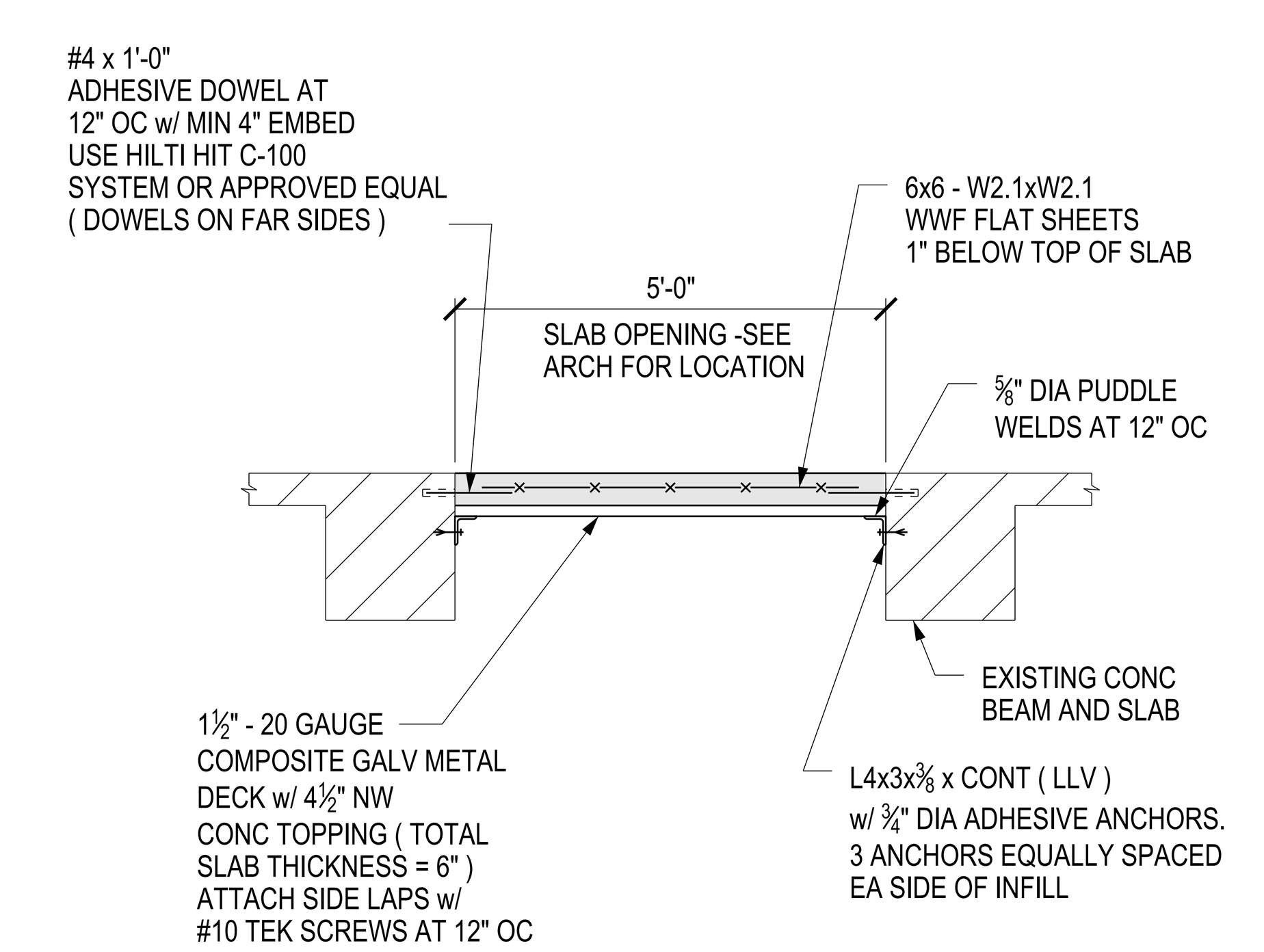
11 SECTION AT DROPPED SLAB



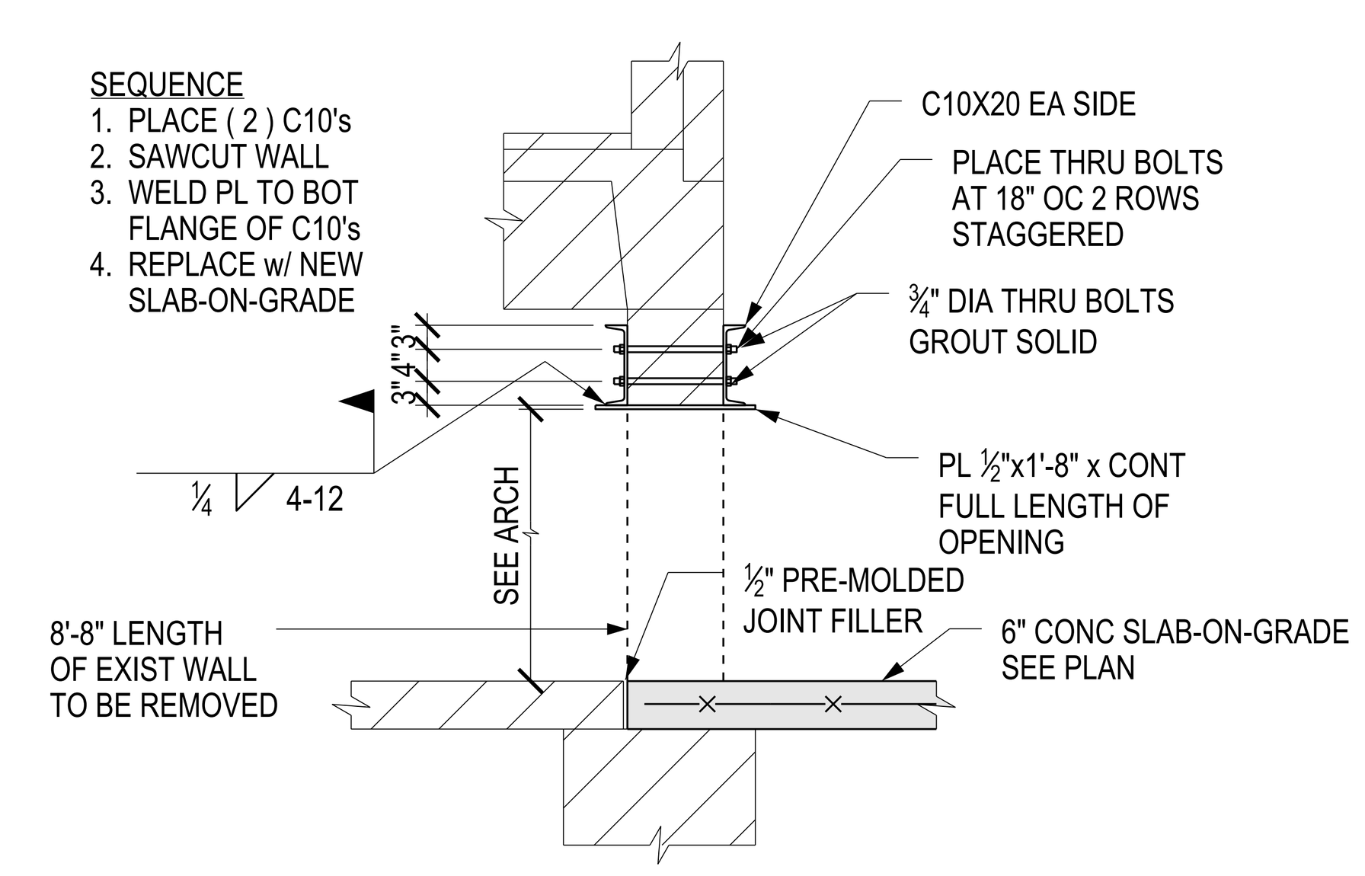
12 DETAIL AT WINDOW AND LOUVER SUPPORT



13 LOW SITE WALL FOUNDATION



14 EXISTING DUMBWAITER OPENING INFILL



15 EXISTING WALL REMOVAL DETAIL

Revisions	Date	Revisions	Date	Revisions	Date
Amendment #A00003	03/12/2015				

HEERY design
Heery International Inc.
125 South Dubuque Street,
Suite 500,
Iowa City, IA 52240-4003
319.354.4700

project number 11-25503

Drawing Title: DETAILS

CONSTRUCTION DOCUMENTS

Project Title: EXPAND BLDG. 1 FOR PACT AMBULATORY CARE & RADIOLOGY

Date: 12/15/2014

Project No.: 636-201

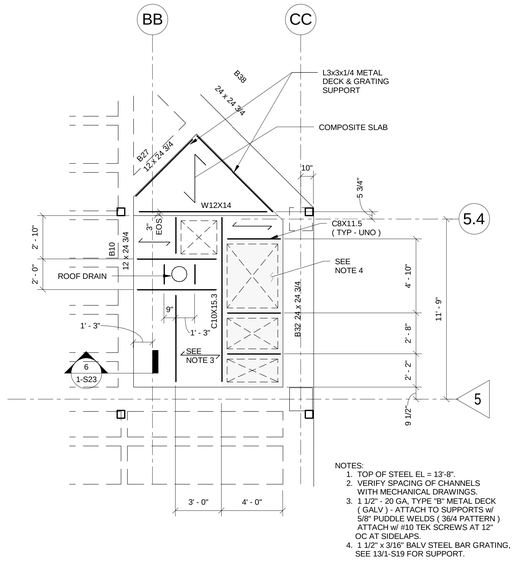
Building No.: BLDG 1 | Checked: CT | Drawn: NS

Location: ICVA HEALTH CARE SYSTEM

DRAWING NO. 1-S20

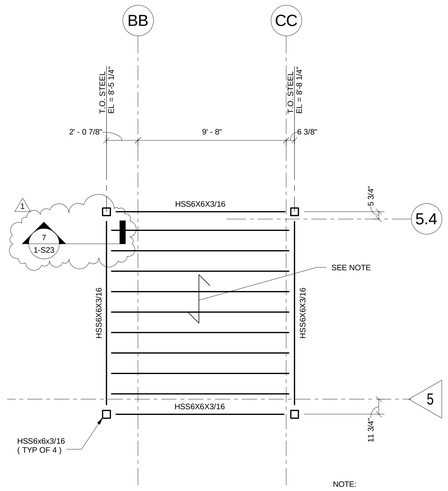
Office of Facilities
Department of Veterans Affairs

VA FORM 08-6231, FEB.1983



NOTES:
1. TOP OF STEEL EL = 13'-8".
2. VERIFY SPACING OF CHANNELS WITH MECHANICAL DRAWINGS.
3. 1 1/2" - 20 GA. TYPE "B" METAL DECK (GALV) - ATTACH TO SUPPORTS w/ 5/8" PUDDLE WELDS (36/4 PATTERN) ATTACH w/ #10 TEK SCREWS AT 12" OC AT SIDELAPS.
4. 1 1/2" x 3/16" BALV STEEL BAR GRATING, SEE 13/1-S19 FOR SUPPORT.

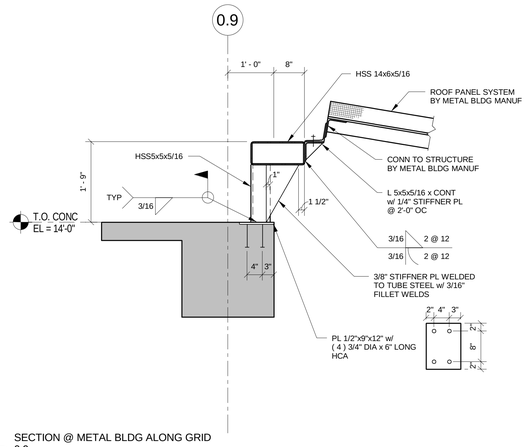
1 MECHANICAL PENTHOUSE FRAMING PLAN
1/4" = 1'-0"



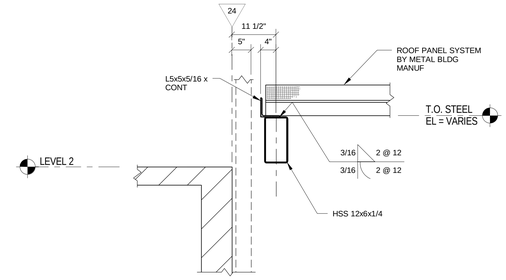
NOTE:

1", 20 GA. NON-COMPOSITE DECK (GALV) SUPPORTED ON 6", 18 GA STUDS AT 16" OC. ATTACH DECK TO SUPPORTS WITH #10 TEK SCREWS WITH A 33/4 PATTERN. FASTEN SIDE LAPS WITH #10 TEK SCREWS AT 16" OC.

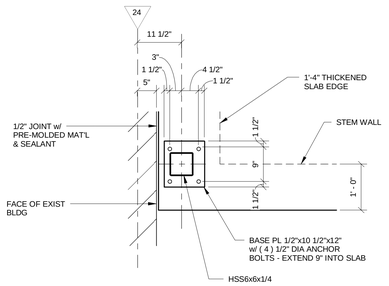
2 MECHANICAL PENTHOUSE ROOF
1/4" = 1'-0"



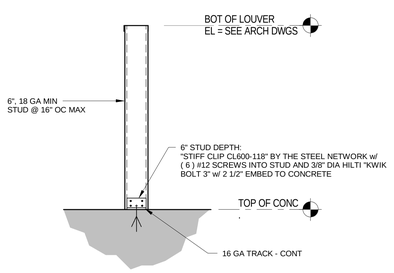
3 SECTION @ METAL BLDG ALONG GRID 0.9
3/4" = 1'-0"



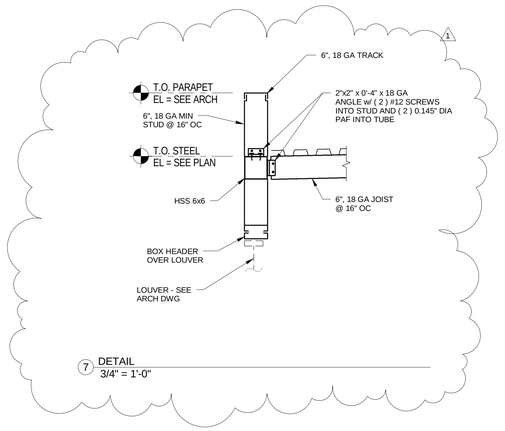
4 SECTION @ METAL BLDG ALONG EXIST GRID 24
3/4" = 1'-0"



5 COLUMN BASE PLATE DETAIL
3/4" = 1'-0"



6 LOUVER SILL SUPPORT DETAIL
3/4" = 1'-0"



7 DETAIL
3/4" = 1'-0"

Revisions	Date	Revisions	Date	Revisions	Date
1 Amendment #A00003	03/12/2015				

HEERY design
Heery International Inc.
125 South Dubuque Street,
Suite 500,
Iowa City, IA 52240-4003
319.354.4700

project number 11-25503

Drawing Title: PARTIAL PLAN AND SECTIONS

CONSTRUCTION DOCUMENTS

Project Title: EXPAND BLDG. 1 FOR PACT AMBULATORY CARE, RADIOLOGY, EGRESS STAIRWELL

Building No.: BLDG 1 | Checked: CT | Drawn: NS

Location: **ICVA HEALTH CARE SYSTEM**

Date: **12/15/2014**

Project No.: **636-201**

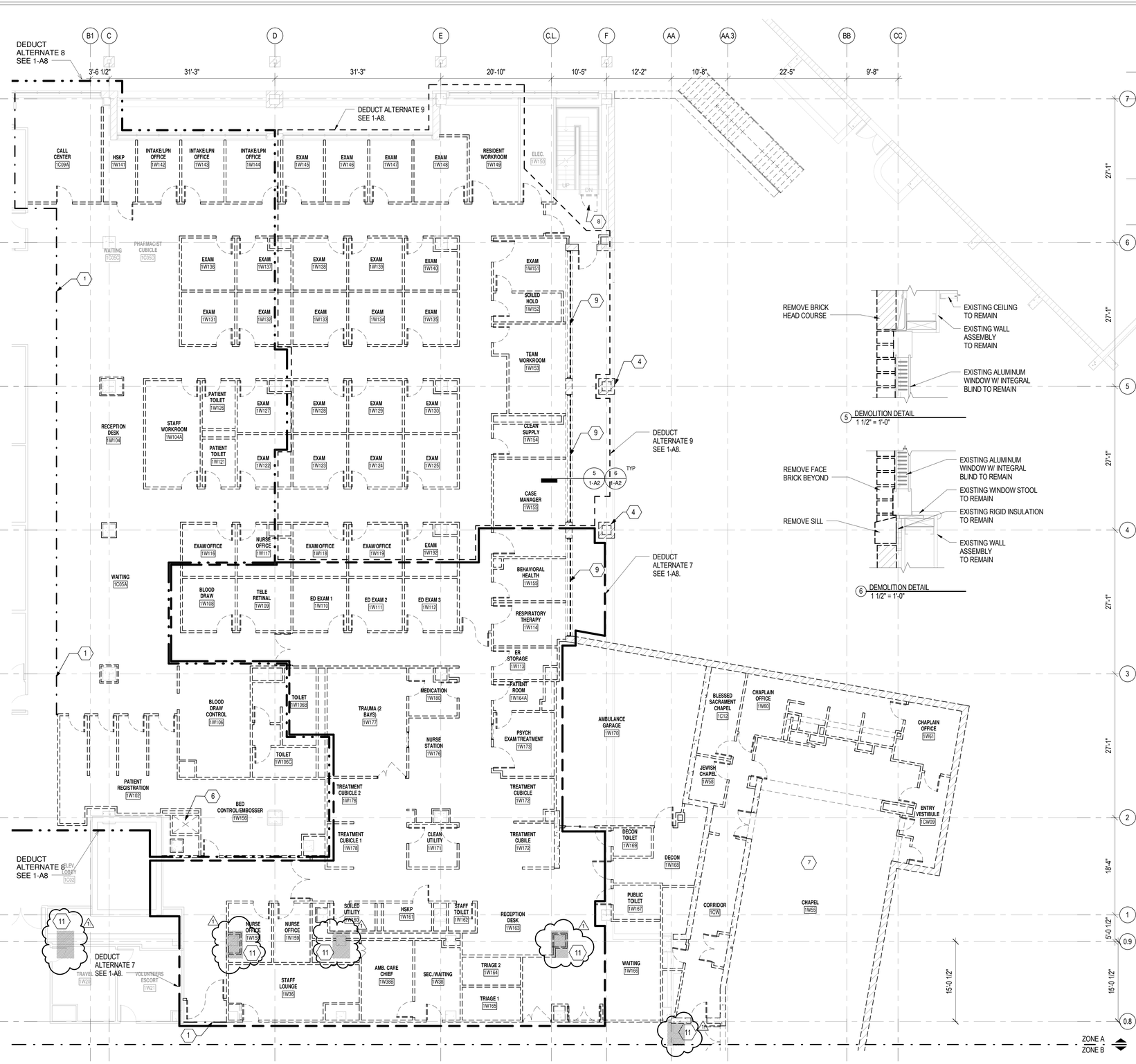
DRAWING NO.: **1-S23**

Office of Facilities

Department of Veterans Affairs

VA FORM 08-6231, FEB. 1983

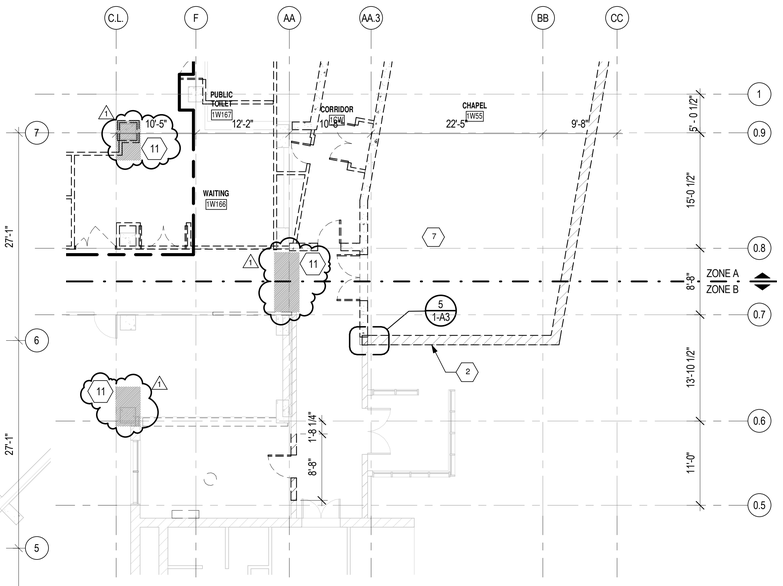
three inches = one foot
one and one-half inches = one foot
one inch = one foot
three-quarters inch = one foot
one-half inch = one foot
three-eighths inch = one foot
one-quarter inch = one foot
one-eighth inch = one foot



1 ARCHITECTURAL DEMOLITION PLAN - LEVEL 1 ZONE A
1/8" = 1'-0"

5 DEMOLITION DETAIL
1 1/2" = 1'-0"

6 DEMOLITION DETAIL
1 1/2" = 1'-0"



2 ARCHITECTURAL DEMOLITION PLAN - LEVEL 1 ZONE B
1/8" = 1'-0"

GENERAL DEMOLITION NOTES

1. HEAVY DASHED LINES INDICATE DEMOLITION WORK SCREENED LINES INDICATE EXISTING TO REMAIN.
2. CONTRACTORS SHALL FIELD VERIFY ALL EXISTING CONSTRUCTION RELATED CONDITIONS PRIOR TO STARTING DEMOLITION. ANY AND ALL DISCREPANCIES SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE OWNER'S REPRESENTATIVE.
3. CONTRACTORS SHALL, AT ALL TIMES, MAINTAIN THE BUILDING IN A WEATHERTIGHT CONDITION.
4. AT CONSTRUCTION ACCESS CONTRACTORS SHALL PROVIDE LABOR & MATERIALS TO REPAIR ALL DISTURBED ELEMENTS.
5. CONTRACTORS SHALL TAKE ALL NECESSARY PRECAUTIONS TO PREVENT DAMAGE TO OWNER'S OCCUPIED AREAS ADJACENT TO NEW CONSTRUCTION OR OCCUPIED AREAS WHERE VARIOUS SYSTEM CONNECTIONS OR EXTENSIONS ARE REQUIRED & ARE RESPONSIBLE FOR DAMAGE CAUSED BY ADVERSE WEATHER CONDITIONS, INCLUDING RAIN, SNOW, ICE, AND WIND.
6. ALL DEMOLITION AND CONSTRUCTION ACTIVITIES SHALL BE COORDINATED WITH THE OWNER'S REPRESENTATIVE TO MINIMIZE DISRUPTION TO THE NORMAL DAILY FUNCTIONING OF THE OWNER'S OCCUPIED AREAS.
7. NOISE SHALL BE KEPT TO A MINIMUM. ANY WORK REQUIRED AFTER NORMAL WORKING HOURS 7 A.M.-5 P.M. SHALL BE COORDINATED WITH OWNER'S REPRESENTATIVE.
8. CONTRACTORS SHALL, AT ALL TIMES, KEEP UNINTERRUPTED HEATING, COOLING, PLUMBING, ELECTRICAL, & COMMUNICATIONS SERVICES TO ALL PARTS OF THE HOSPITAL THAT REMAIN IN SERVICE. ANY PLUMBING, PIPING, ELECTRICAL OR COMMUNICATIONS SERVICES CONTAINED WITHIN THE PROJECT THAT SERVE PARTS OF THE HOSPITAL REMAINING IN SERVICE SHALL BE MAINTAINED IN OPERATING ORDER. ANY REQUIRED INTERRUPTION OF SERVICE SHALL BE COORDINATED WITH OWNER'S REPRESENTATIVE TO ALLOW MINIMUM INTERFERENCE WITH OWNER'S OPERATION.
9. THE OWNER SHALL RETAIN ALL SALVAGE RIGHTS OVER BUILDING MATERIALS THAT ARE OF VALUE AS DESIGNATED BY THE OWNER'S REPRESENTATIVE. THE OWNER'S REPRESENTATIVE SHALL DIRECT THE INDIVIDUAL CONTRACTORS TO THE LOCATIONS OF STORAGE AREAS FOR VARIOUS SALVAGE ITEMS. THE STORAGE AREAS MAY BE OFF-SITE BUT WILL BE LOCATED WITHIN THE GENERAL IOWA CITY AREA. THE CONTRACTORS ARE RESPONSIBLE FOR REMOVING FROM THE BUILDING AND THE CONSTRUCTION SITE ALL CONSTRUCTION DEBRIS AND ITEMS NOT RETAINED BY THE OWNER'S REPRESENTATIVE. NO STORAGE OR DUMPING OF DEBRIS WILL BE ALLOWED ON THE HOSPITAL GROUNDS.
10. THE CONTRACTORS SHALL BE RESPONSIBLE FOR STORAGE AND PROTECTION OF ALL SALVAGED ITEMS WHICH WILL BE REUSED IN THIS PROJECT.
11. PROVIDE TEMPORARY (DUST) PARTITIONS AS REQUIRED TO PROTECT OCCUPIED SPACES. PARTITION TYPE I ON SHEET 1-A20 SHALL BE USED FOR TEMPORARY (DUST) PARTITIONS.
12. COORDINATE DEMOLITION WITH NEW WORK. REMOVE ALL ITEMS NECESSARY TO COMPLETE NEW WORK. REMOVE AND REPLACE EXISTING CEILING AS REQD.
13. TEMPORARY BARRICADES SHALL BE INSTALLED TO PREVENT DUST POLLUTION OF SURROUNDING AREAS. PARTITIONS MUST BE INSTALLED IN ACCORDANCE WITH FIRE PROTECTION & EGRESS REQUIREMENTS. COORDINATE WITH OWNER'S REPRESENTATIVE.
14. TEMPORARY WALLS ARE NOT TO BE REMOVED UNTIL ALL FINISH WORK IS COMPLETED OR APPROVAL IS GRANTED BY OWNER'S REPRESENTATIVE.
15. UPON REMOVAL OF TEMPORARY PARTITIONS, CONTRACTORS SHALL BE RESPONSIBLE TO PATCH TO MATCH EXISTING ADJACENT CONSTRUCTION.
16. ALL OPENINGS AND VOIDS LEFT BY THE REMOVAL OF EXISTING CONSTRUCTION EQUIPMENT SUCH AS PIPING, DUCTS, ETC. SHALL BE PROPERLY PATCHED & OR CLOSED OFF TO MAINTAIN FIRE RATING OF SURROUNDING WALL.
17. ALL AREAS TO BE DEMOLISHED OR DISTURBED BY ANY DEMOLITION ARE TO BE PATCHED & PAINTED (OR PREPARED FOR NEW WALL COVERING). IF PAINTING IS REQUIRED, THE ENTIRE WALL SHALL RECEIVE PAINT TO AVOID MISMATCH OF COLOR.
18. EXISTING ITEMS SUCH AS EQUIPMENT, PLUMBING FIXTURES, ETC. THAT ARE TO REMAIN IN PLACE SHALL BE PROTECTED BY THE CONTRACTOR FROM DIRT AND DAMAGE DURING DEMOLITION AND CONSTRUCTION.
19. WHERE REMOVAL OF A PORTION OF WALL/FLOOR COVERINGS IS REQUIRED, REMOVE ONLY THOSE MATERIALS TO THE EXTENT SHOWN WITHIN THE ROOMS OR CORRIDORS. DEMOLITION INCLUDES REMOVAL OF ADHESIVES, GROUTING BEDS, ANCHORING DEVICES, AND REQUIRES REMAINING SURFACES TO BE PROPERLY PREPARED FOR NEW CONSTRUCTION.
20. ALL ACOUSTICAL CEILINGS AND SUSPENSION SUPPORTS TO BE REMOVED SHALL INCLUDE CEILING TILES, SOFFITS, LIGHT FIXTURES, GRILLES, DIFFUSERS, EXIT SIGNS, ELECTRICAL, COMMUNICATION & ASSOCIATED DEVICES, UNLESS OTHERWISE INDICATED.
21. WHERE REMOVAL OF A PORTION OF FINISHED CEILING IS REQUIRED, REMOVE ONLY THOSE LIGHT FIXTURES & OTHER CEILING EQUIPMENT WITHIN THAT PORTION OF CEILING. COORDINATE WITH OWNER'S REPRESENTATIVE.
22. ALL NON-ATTACHED ITEMS, SUCH AS HOSPITAL FURNISHINGS, MOBILE EQUIPMENT, DESKS, BEDS, TABLES, CHAIRS, SPATIAL MOCK UP, ETC. SHALL BE REMOVED BY OWNER PRIOR TO COMMENCEMENT OF ANY DEMOLITION WORK. CONTRACTORS SHALL COORDINATE WITH OWNER'S REPRESENTATIVE FOR REMOVAL OR RELOCATION OF ANY REMAINING ITEMS.
23. CONTRACTORS SHALL AT ALL TIMES MAINTAIN EXIT/EGRESS PATH DURING CONSTRUCTION. IF REQUIRED TO DISTURB EXISTING EGRESS PATH/EXIT. CONTRACTOR SHALL COORDINATE AND OBTAIN APPROVAL FROM LOCAL FIRE MARSHAL.
24. ALL FINISHED AREAS WHICH ARE DAMAGED DURING DEMOLITION BY THE CONTRACTORS SHALL BE PATCHED TO MATCH THE EXISTING FINISHES, ETC. THE CONTRACTORS ARE RESPONSIBLE FOR PROVIDING NEW FINISHES.
25. AREAS REQUIRING DEMOLITION ARE SCHEMATIC AND DESCRIBE THE DESIGN INTENT OF THE PROJECT. CONTRACTORS ARE RESPONSIBLE FOR NEW WORK IN AREAS REQUIRED TO BE DEMOLISHED.

KEYED NOTES

1. LIMIT OF DEMOLITION AT HEAVY DOT-DASHED LINE. ENCLOSE WITH DUST PARTITION ALONG OPEN AREAS.
2. DEMOLISH EXTERIOR WALL.
3. SALVAGE WALL MTD. LADDER AND RELOCATE TO EAST WALL, BEHIND FENCE.
4. DEMOLISH FACE BRICK. EXISTING COLUMN TO REMAIN.
5. RE-ROUTE STORM WATER - RE: MECH.
6. DEMOLISH DUMBWAITER & INFILL FLOOR OPENING
7. DEMOLISH EXTERIOR WALLS AND STRUCTURE WITHIN HATCHED AREA.
8. REMOVE SWINGING GATE ON STAIR AFTER NEW SOUTH ENTRANCE IS OPERATIONAL.
9. REMOVE FACEBRICK, ANCHORS, AND SHELF ANGLE OVER OPENINGS. STUD BACKUP AND SHEATHING TO REMAIN.
10. EXISTING FINISHES TO REMAIN. HANDRAILS SHALL BE MODIFIED FOR NEW OPENING.
11. HATCHED AREA INDICATES AN INACCESSIBLE CHASE OR HARD CEILING POTENTIALLY CONTAINING SUSPECT TSI, REQUIRING ABATEMENT.

Revisions	Date	Revisions	Date	Revisions	Date
1 Amendment #A00003	03/12/2015			11	

HEERY design
Heery International Inc.
125 South Dubuque Street,
Suite 500,
Iowa City, IA 52240-4003
319.354.4700

project number 11-25503

Drawing Title: ARCHITECTURAL DEMOLITION PLAN LEVEL 1

CONSTRUCTION DOCUMENTS

Project Title: EXPAND BLDG. 1 FOR PACT AMBULATORY CARE, RADIOLOGY

Building No.: BLDG 1 | Checked | Drawn: RD

Location: ICVA HEALTH CARE SYSTEM

Date: 12/15/2014

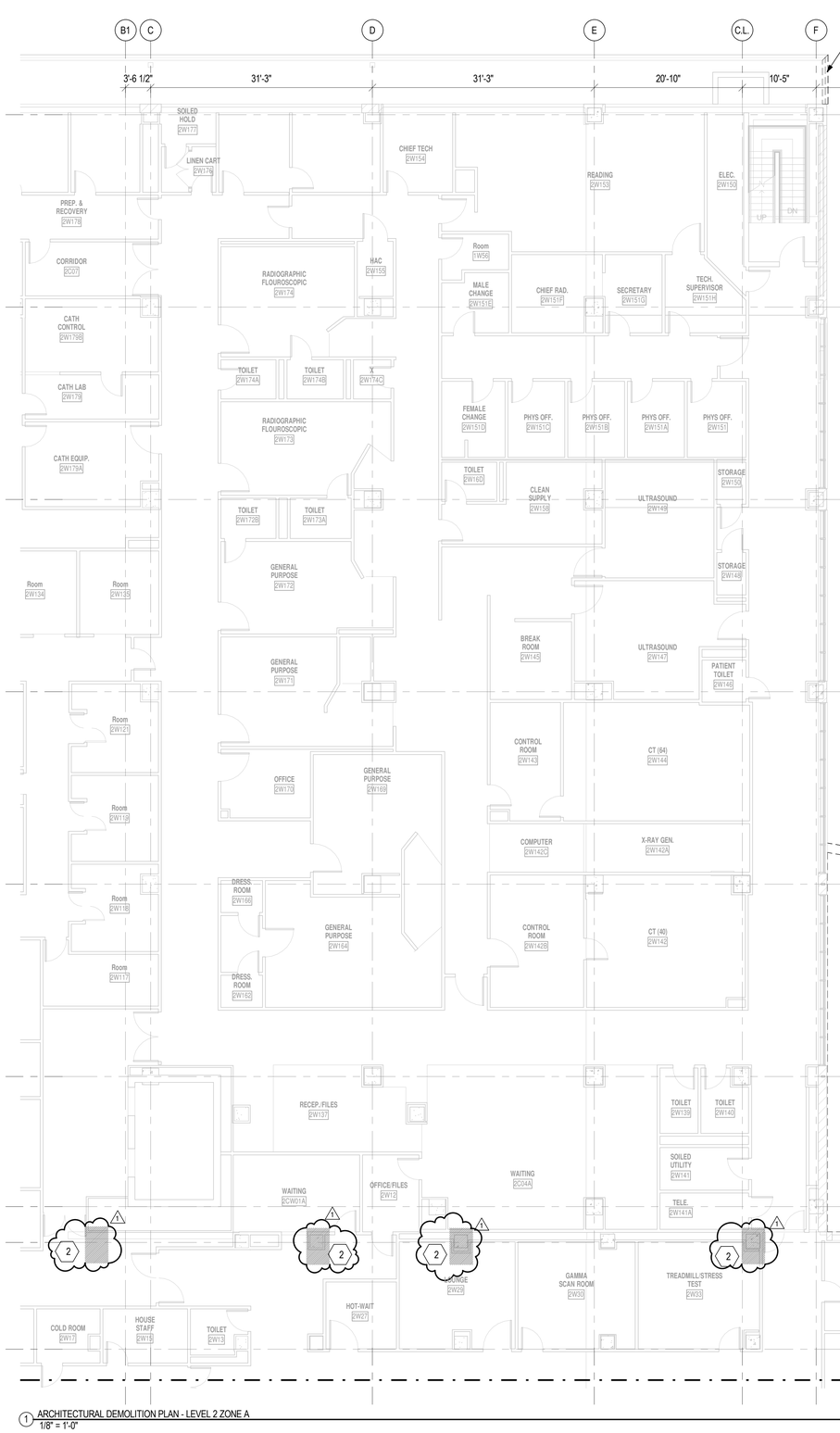
Project No.: 636-201

DRAWING NO.: 1-A2

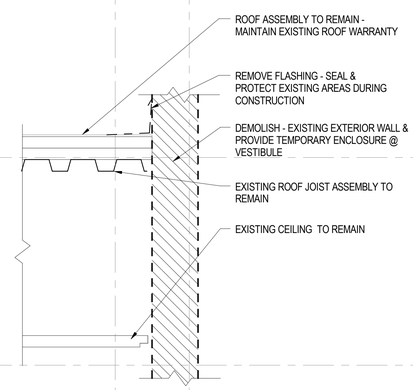
Office of Facilities

Department of Veterans Affairs

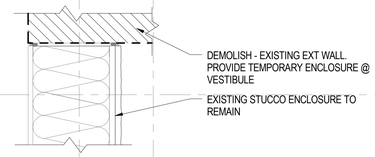
VA FORM 08-6231, FEB. 1983



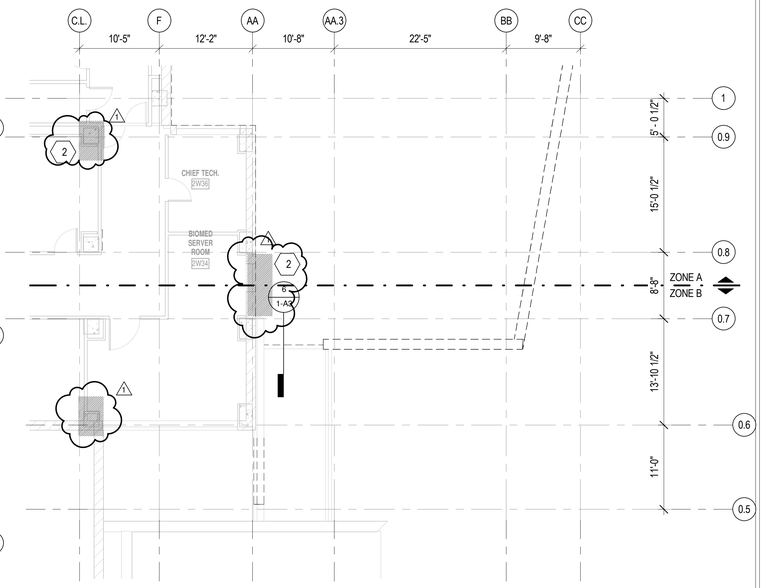
1 ARCHITECTURAL DEMOLITION PLAN - LEVEL 2 ZONE A
1/8" = 1'-0"



6 DEMOLTION SECTION DETAIL
1 1/2" = 1'-0"



5 DEMOLITION PLAN DETAIL
1 1/2" = 1'-0"



2 ARCHITECTURAL DEMOLITION PLAN - LEVEL 2 ZONE B
1/8" = 1'-0"

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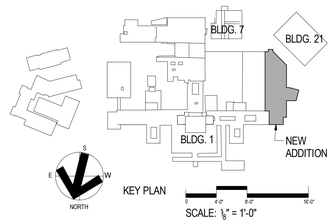
25. AREAS REQUIRING DEMOLITION ARE SCHEMATIC AND DESCRIBE THE DESIGN INTENT OF THE PROJECT. CONTRACTORS ARE RESPONSIBLE FOR NEW WORK IN AREAS REQUIRED TO BE DEMOLISHED.

KEYED NOTES

1. DEMOLISH END OF UTILITY CONNECTION BRIDGE AND PREPARE FOR EXTENSION.
2. HATCHED AREA INDICATES AN INACCESSIBLE CHASE OR HARD CEILING POTENTIALLY CONTAINING SUSPECT TSI, REQUIRING ABATEMENT.



SCALE: 1/16" = 1'-0"

Revisions	Date	Revisions	Date	Revisions	Date
1 Amendment #A00003	03/12/2015				

HEERY design
Heery International Inc.
125 South Dubuque Street,
Suite 500,
Iowa City, IA 52240-4003
319.354.4700

project number
11-25503

Drawing Title
ARCHITECTURAL DEMOLITION PLAN LEVEL 2

CONSTRUCTION DOCUMENTS

Project Title
EXPAND BLDG. 1 FOR PACT AMBULATORY CARE & RADIOLOGY

Building No. **BLDG 1** | Checked | Drawn **RD**

Location
ICVA HEALTH CARE SYSTEM

Date **12/15/2014**

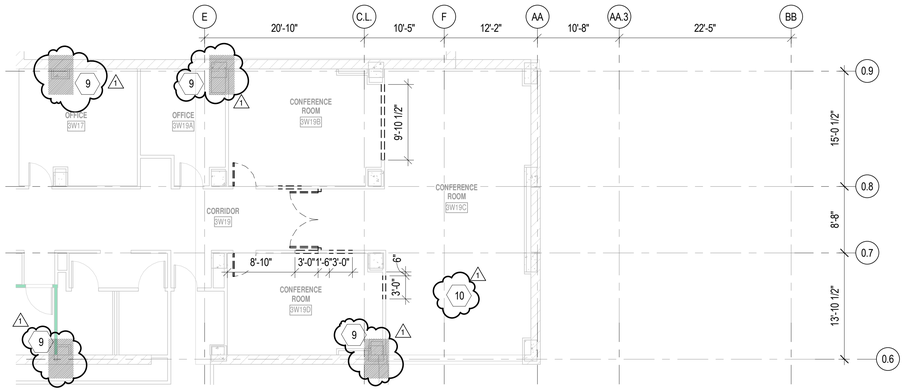
Project No. **636-201**

DRAWING NO. **1-A3**

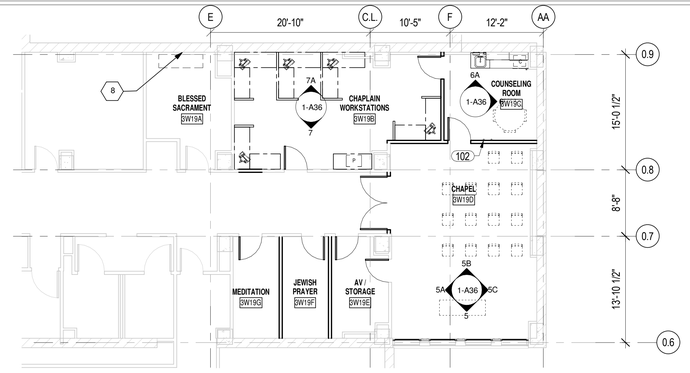
Office of Facilities

Department of Veterans Affairs

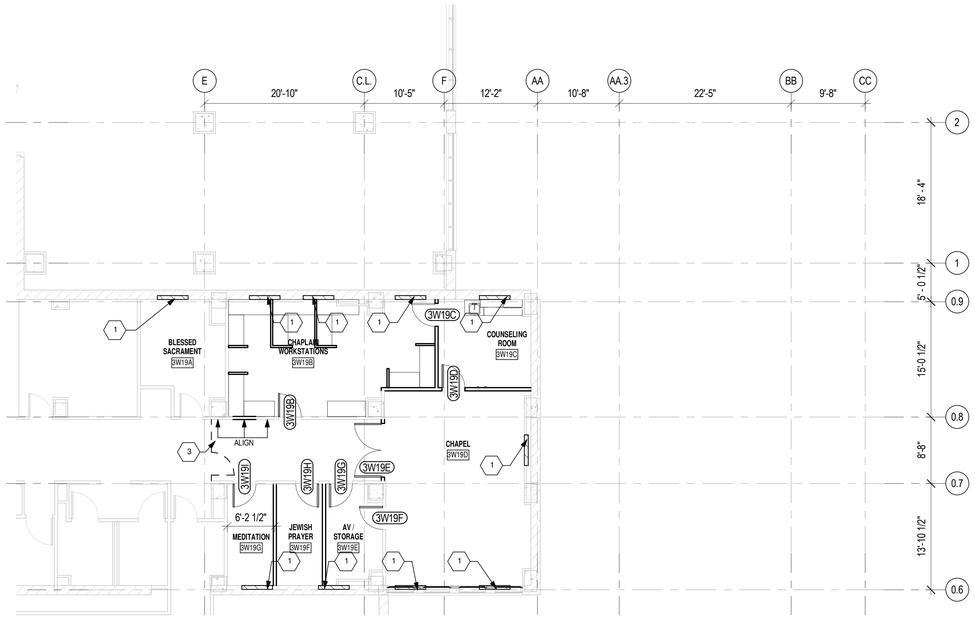
VA FORM 08-6231, FEB. 1983



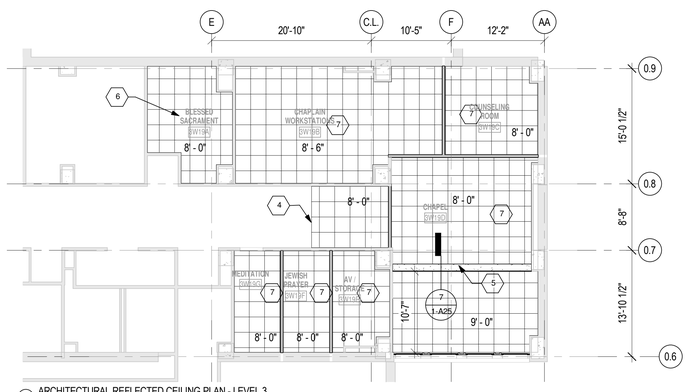
1 ARCHITECTURAL DEMOLITION PLAN - LEVEL 3
1/8" = 1'-0"



4 ARCHITECTURAL EQUIPMENT PLAN - LEVEL 3
1/8" = 1'-0"



2 ARCHITECTURAL DIMENSION PLAN - LEVEL 3
1/8" = 1'-0"



3 ARCHITECTURAL REFLECTED CEILING PLAN - LEVEL 3
1/8" = 1'-0"

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25. AREAS REQUIRING DEMOLITION ARE SCHEMATIC AND DESCRIBE THE DESIGN INTENT OF THE PROJECT. CONTRACTORS ARE RESPONSIBLE FOR NEW WORK IN AREAS REQUIRED TO BE DEMOLISHED.

GENERAL NOTES

1. SOLID LINES INDICATE NEW CONSTRUCTION WHILE SCREENED LINES INDICATE EXISTING CONSTRUCTION OR NEW CONSTRUCTION COVERED IN A PREVIOUS DIVISION.
2. ALL PIPING, CONDUITS AND RELATED MECH. AND ELEC. ITEMS SHALL BE CONCEALED WITHIN DRYWALL FURRING AS REQUIRED IN FINISHED AREAS WHETHER SHOWN ON DRAWINGS OR NOT, U.N.O.
3. PROVIDE METAL PLATE BACKING AND/OR TREATED WOOD BLOCKING IN WALLS WHERE WALL-MOUNTED EQUIPMENT IS SHOWN ON PLANS OR ELEVATIONS. VERIFY HEIGHT AND LENGTH WITH ACTUAL EQUIPMENT.
4. ALL PARTITION TYPES TO BE A-- UNLESS OTHERWISE NOTED.
5. ALL MECH. EQUIPMENT PADS TO BE 4" HIGH U.N.O. LENGTH AND WIDTH OF PADS TO BE VERIFIED BY CONTRACTOR.
6. VERIFY EXIST. DIMENSIONS, CONDITIONS AND FINISHES BEFORE PRICING AND/OR PROCEEDING WITH WORK. DISCREPANCIES SHALL BE BROUGHT TO THE ARCHITECT'S ATTENTION IMMEDIATELY.
7. PATCH ALL HOLES IN EXIST. SURFACES WHERE EQUIPMENT HAS BEEN REMOVED OR DEMOLITION HAS OCCURED. PREPARE SURFACES AS REQUIRED FOR NEW FINISHES. PATCH TO MATCH ADJACENT SURFACE IF NOT SCHEDULED.
8. ALL EXIST. FLOOR OPENINGS AND DEPRESSIONS IN THE WORK AREA SHALL BE FILLED OR CLOSED U.N.O. WITH MATERIALS TO MATCH ADJACENT SURFACES, FINISHES, AND FIRE RATINGS.
9. HOLD GWB 1/2" OFF FINISH FLOOR, INSTALL FIRE RATED SEALANT AT RATED PARTITIONS, INSTALL ACCOUSTICAL SEALANT AT NON-RATED PARTITIONS.
10. FEATHER FLOOR LEVELING COMPOUND IN CORRIDORS AT EITHER SIDE OF EXPANSION JOINT TO A SLOPE NOT GREATER THAN 1/8" PER FOOT.
11. CONTRACTOR IS TO VERIFY ALL EXIST. CONDITIONS & DIMENSIONS PRIOR TO WORK. DIMENSIONS INDICATED ON THESE DRAWINGS ARE DERIVED FROM THE ORIGINAL BUILDING DRAWINGS AND FROM LIMITED FIELD OBSERVATIONS. THE DIMENSIONS ARE A NOMINAL REPRESENTATION OF THE BUILDING. LOCAL CONDITIONS MAY VARY. THE CONTRACTOR WILL BE RESPONSIBLE FOR FIELD VERIFYING AND FITTING NEW CONSTRUCTION TO THE ACTUAL BUILDING DIMENSIONS. SIGNIFICANT DIMENSION DEVIATIONS ARE TO BE REPORTED TO THE ARCHITECT PRIOR TO COMPLETING WORK.
12. MATCH FINISHED WALL OR PARTITION THICKNESS WHERE NEW WALLS OR PARTITIONS OCCUR IN LINE WITH EXISTING WALLS.
13. WHERE NEW FLOOR CONSTRUCTION MATERIALS MEET EXIST. CONDITIONS, PROTECT ADJACENT ORIGINAL FINISHES. NEW AND EXIST. FLOOR FINISHES ARE TO BE INSTALLED AT THE SAME ELEVATION.
14. WHERE EXIST. PIPING / CONDUIT IS REMOVED, HOLES ARE TO BE PATCHED TO MATCH EXIST. ADJACENT MATERIALS. PROVIDE FIRE RATED OR ACCOUSTICAL SEALANT WHERE INDICATED.
15. TYPICAL INTERIOR DIMENSIONS ARE TO CENTERLINE OF STUD.
16. NEGATIVE PRESSURE ROOMS INDICATED W/ (-) SHALL RECEIVE CEILING TILE HOLD DOWN CLIPS.

GENERAL REFLECTED CEILING NOTES

1. THIS SHEET SHALL BE USED FOR CEILING GRID AND GWB LAYOUT - REFER TO MEP DRAWINGS FOR ELEC. & MECH. DETAILS & SCHEDULES.
2. CONFIRM AND COORDINATE THE LOCATION OF ALL MECH, ELEC, AND FIRE PROTECTION ITEMS. REFER TO MEP DESIGN.
3. THE GC IS TO FIELD VERIFY ALL DIMENSIONS AND REPORT ANY DISCREPANCIES TO THE ARCHITECT.
4. REFER TO ELEC. DRAWINGS FOR SPEAKERS, SMOKE DETECTORS, EXIT SIGNS, AND OTHER CEILING MOUNTED DEVICES.
5. ALIGN CEILING GRID WITH EXIST. WHERE NEW GRID IS NEAR OR ADJACENT TO EXIST. GRID SYSTEM.
6. CUT, PATCH, & REPAIR EXIST. CEILING AS REQUIRED TO INSTALL NEW WORK.
7. LOCATE VERTICAL FACE OF SOFFIT 1" FROM ADJACENT CABINET FACE OR WALL, TYP, U.N.O. SOFFITS SHALL ENCLOSE ENTIRE SPACE ABOVE UPPER CABINENTS, AT 7'-0" U.N.O.
8. SEE SHEET 1-A25 FOR CEILING DETAILS.
9. ALL GWB CEILING SURFACES TO MATCH ADJACENT WALL FINISH U.N.O.
10. CEILING INSTALLER SHALL BE RESPONSIBLE FOR COORDINATING AND PROVIDING TILE PENETRATIONS WHERE REQUIRED.
11. GYPSUM CEILINGS IN SHOWER AREAS SHALL BE WATER RESISTANT.

REFLECTED CEILING PLAN LEGEND

- SUSPENDED 2X2 LAY IN CEILING - SEE IN SHEETS FOR CEILING TYPE
- SUSPENDED GYP BOARD CEILING
- ACCESS PANEL, COORDINATE W/ MEP DRAWINGS
- 2' X 4' FLUORESCENT LIGHT FIXTURE - NORMAL
- 2' X 4' FLUORESCENT LIGHT FIXTURE - EMERGENCY
- 2' X 2' FLUORESCENT LIGHT FIXTURE - NORMAL
- 2' X 2' FLUORESCENT LIGHT FIXTURE - EMERGENCY
- 1' X 4' FLUORESCENT STRIP FIXTURE - NORMAL
- 1' X 4' FLUORESCENT STRIP FIXTURE - EMERGENCY
- PENDANT FIXTURE/RECESSED FIXTURE
- OCCUPANCY SENSORS
- SPEAKER
- NURSE CALL DOME LIGHT
- FIRE DETECTOR
- SPRINKLER
- EXIT SIGN
- CEILING DIFFUSER
- LINEAR DIFFUSER, CENTER BETWEEN MULLIONS
- CU. TRACK
- PROJECTION MOUNT
- CCTV CLOSED CIRCUIT CAMERA

GENERAL EQUIPMENT NOTES

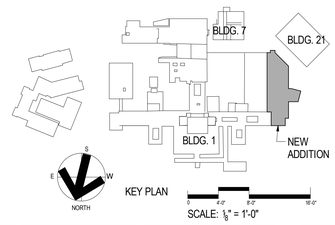
1. ALL COUNTERTOPS TO BE 2'-1" DEEP UNLESS NOTED OTHERWISE.
2. ALL COUNTERTOPS NOT TERMINATING AT A WALL SHALL HAVE A 1" OVERLAP AND A 1" RADIUS ON ANY EXPOSED CORNER. SEE DETAIL.
3. NOT ALL EQUIPMENT IN SCHEDULE IS IDENTIFIED ON PLANS. COORDINATE LOCATION WITH OWNER.
4. * INDICATES GROMMET LOCATION. GROMMETS TO BE FIELD CUT, COORDINATE LOCATION WITH OWNER.
5. CONTRACTOR TO PROVIDE MOUNTING SUPPORTS FOR ALL WALL MOUNTED ITEMS, INCLUDING CLOCKS, MONITORS, SHELVING, LIGHTS, CABINETS, SINKS, WATER CLOSETS, MIRRORS.
6. SEE DIVISIONS M & E FOR MECHANICAL AND ELECTRICAL REQUIREMENTS FOR ALL EQUIPMENT.
7. ALL WOOD BLOCKING WITHIN THE WALL SYSTEM SHALL BE FIRE RETARDANT TREATED.
8. CONTRACTOR TO VERIFY EXIST. DIMENSIONS, CONDITIONS AND FINISHES BEFORE PROCEEDING WITH WORK AND NOTIFY ARCHITECT IMMEDIATELY OF ANY DISCREPANCIES.
9. REFER TO MECH. AND ELEC. DRAWINGS FOR LOCATIONS OF LIGHTS, DIFFUSERS, PLUMBING, OUTLETS, SWITCHES, AND MED GASOUTLETS. CONTRACTOR TO NOTIFY ARCHITECT IF THERE ARE ANY CONFLICTS WITH ARCHITECTURAL DRAWINGS.
10. CONTRACTOR IS RESPONSIBLE FOR ALL MOUNTING SUPPORTS FOR OWNER INSTALLED ITEMS, COORDINATE WITH OWNER.
11. INTERIOR ROOM SIGNAGE SHALL BE PROCURED & INSTALLED BY OWNER.

EQUIPMENT LEGEND

- WB-1: WALL BUMPER
- CG-1 CORNER GUARD 1
- CG-2 CORNER GUARD 2
- CG-3 CORNER GUARD 3
- CG-4 CORNER GUARD 4
- CG-5 CORNER GUARD 5

KEYED NOTES

1. REMOVE EXISTING RECESSED FAN COIL UNITS AND INFILL / REPAIR WALLS TO MATCH ADJACENT FINISHES.
2. CHANGE IN ROOF LEVEL - WRAP ROOFING MEMBRANE DOWN VERTICAL SURFACE.
3. TEMPORARY DUST PARTITION.
4. TIE INTO EXISTING ACOUSTICAL CEILING.
5. COVE LIGHTING FEATURE - SEE DETAIL 7/1-A25.
6. DEMO EXISTING PLASTER CEILING AND REPLACE WITH NEW ACT.
7. DEMO EXISTING ACT AND REPLACE WITH NEW ACT.
8. ETERNAL LIGHT - RELOCATE FROM EXISTING CHAPEL. RE: ELEC.
9. HATCHED AREA INDICATES AN INACCESSIBLE CHASE OR HARD CEILING POTENTIALLY CONTAINING SUSPECT TSI, REQUIRING ABATEMENT.
10. ROOM CONTAINS TSI, REQUIRING ABATEMENT.



SCALE: 1/8" = 1'-0"

Revisions	Date	Revisions	Date	Revisions	Date
1 Amendment #A00003	03/12/2015				

HEERY design
Heery International Inc.
125 South Dubuque Street,
Suite 500,
Iowa City, IA 52240-4003
319.354.4700

project number 11-25503

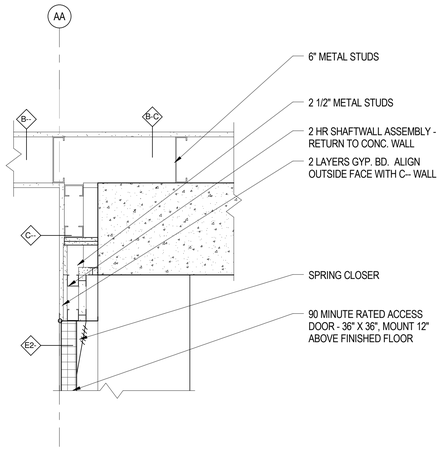
Drawing Title: ARCHITECTURAL PLANS LEVEL 3
CONSTRUCTION DOCUMENTS

Project Title: EXPAND BLDG. 1 FOR PACT AMBULATORY CARE & RADIOLOGY
Building No.: BLDG 1
Checked:
Drawn: RD
Location: ICVA HEALTH CARE SYSTEM

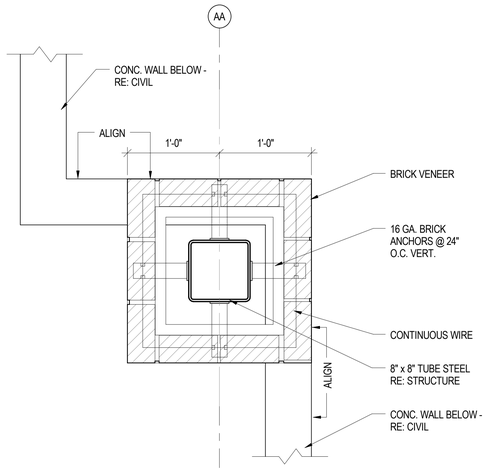
Date: 12/15/2014
Project No.: 636-201
DRAWING NO.: 1-A9

Office of Facilities
Department of Veterans Affairs

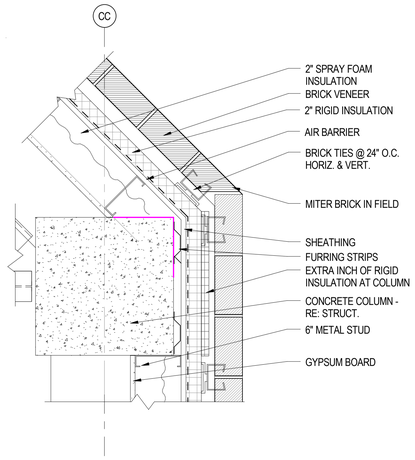
VA FORM 08-6231, FEB. 1983



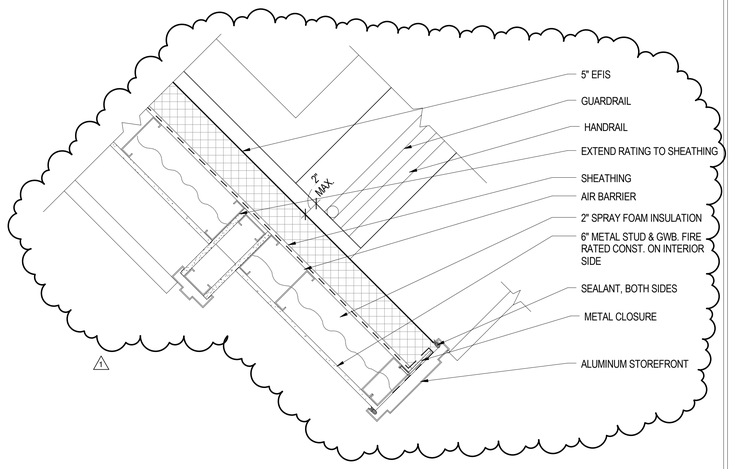
1 ACCESS PANEL JAMB DETAIL
1 1/2" = 1'-0"



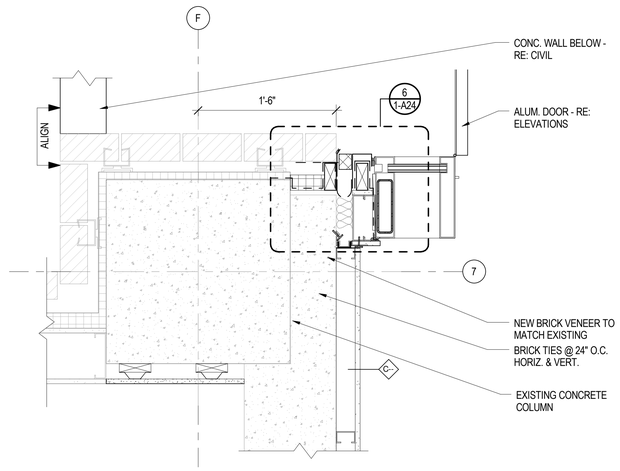
2 COLUMN @ SOUTH ENTRANCE
1 1/2" = 1'-0"



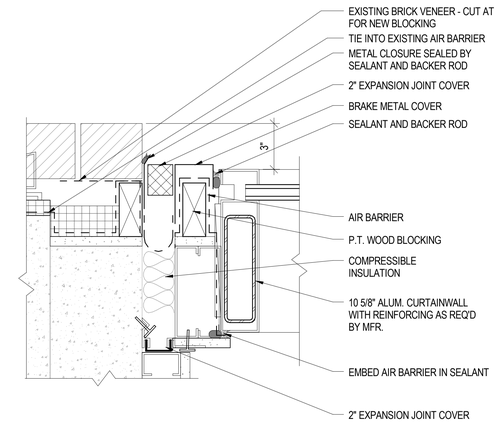
3 EXTERIOR WALL AT 135 DEGREE ANGLE
1 1/2" = 1'-0"



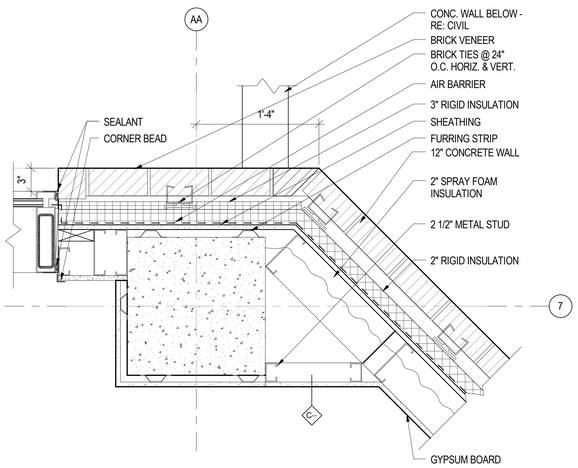
4 EXTERIOR DOOR AND RATED WALL DETAIL
1 1/2" = 1'-0"



5 EXISTING COLUMN & CONCRETE WALL @ ENTRY VESTIBULE
1 1/2" = 1'-0"

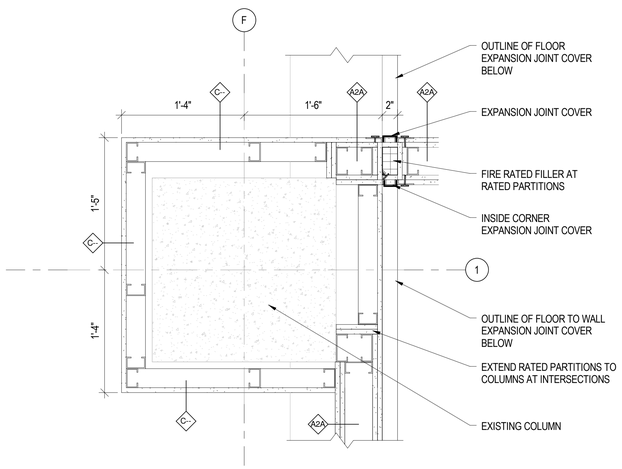


6 DETAIL OF EXISTING COLUMN & CONCRETE WALL @ ENTRY VESTIBULE
3" = 1'-0"

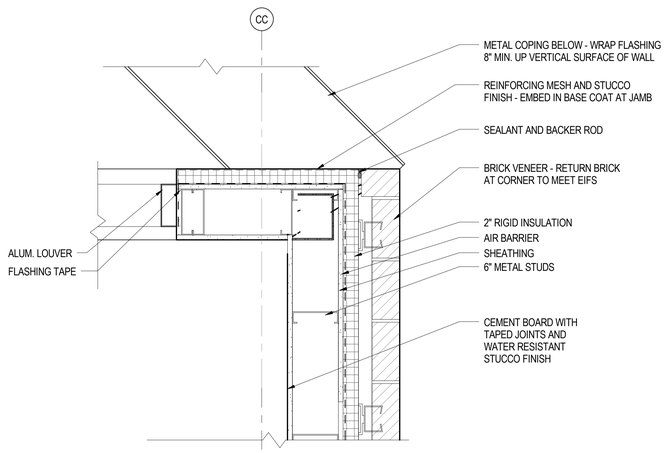


7 COLUMN CONDITION @ ENTRANCE
1 1/2" = 1'-0"

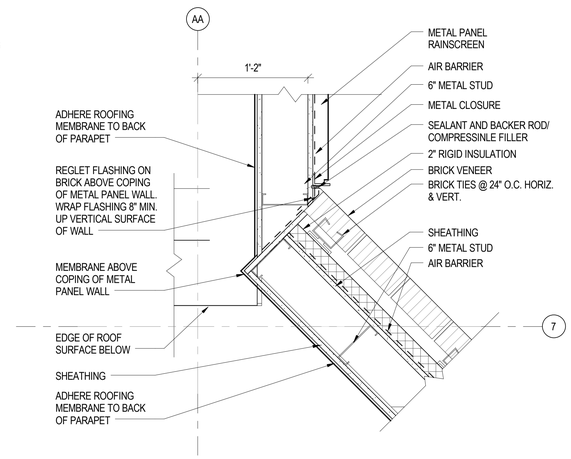
8 NOT USED



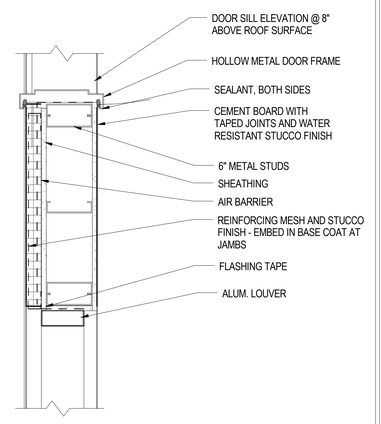
9 INTERIOR EXPANSION JOINT PLAN DETAIL
1 1/2" = 1'-0"



10 CORNER AT BRICK AND EFIS
1 1/2" = 1'-0"



11 MECH BRIDGE CONNECTION
1 1/2" = 1'-0"



12 DOOR AND LOUVER JAMBS IN EFIS SYSTEM
1 1/2" = 1'-0"

Revisions	Date	Revisions	Date	Revisions	Date
1 Amendment #A00003	03/12/2015				

HEERY design
Heery International Inc.
125 South Dubuque Street,
Suite 500,
Iowa City, IA 52240-4003
319.354.4700

project number
11-25503

Drawing Title
PLAN DETAILS

CONSTRUCTION DOCUMENTS

Project Title
EXPAND BLDG. 1 FOR PACT AMBULATORY CARE, RADIOLOGY

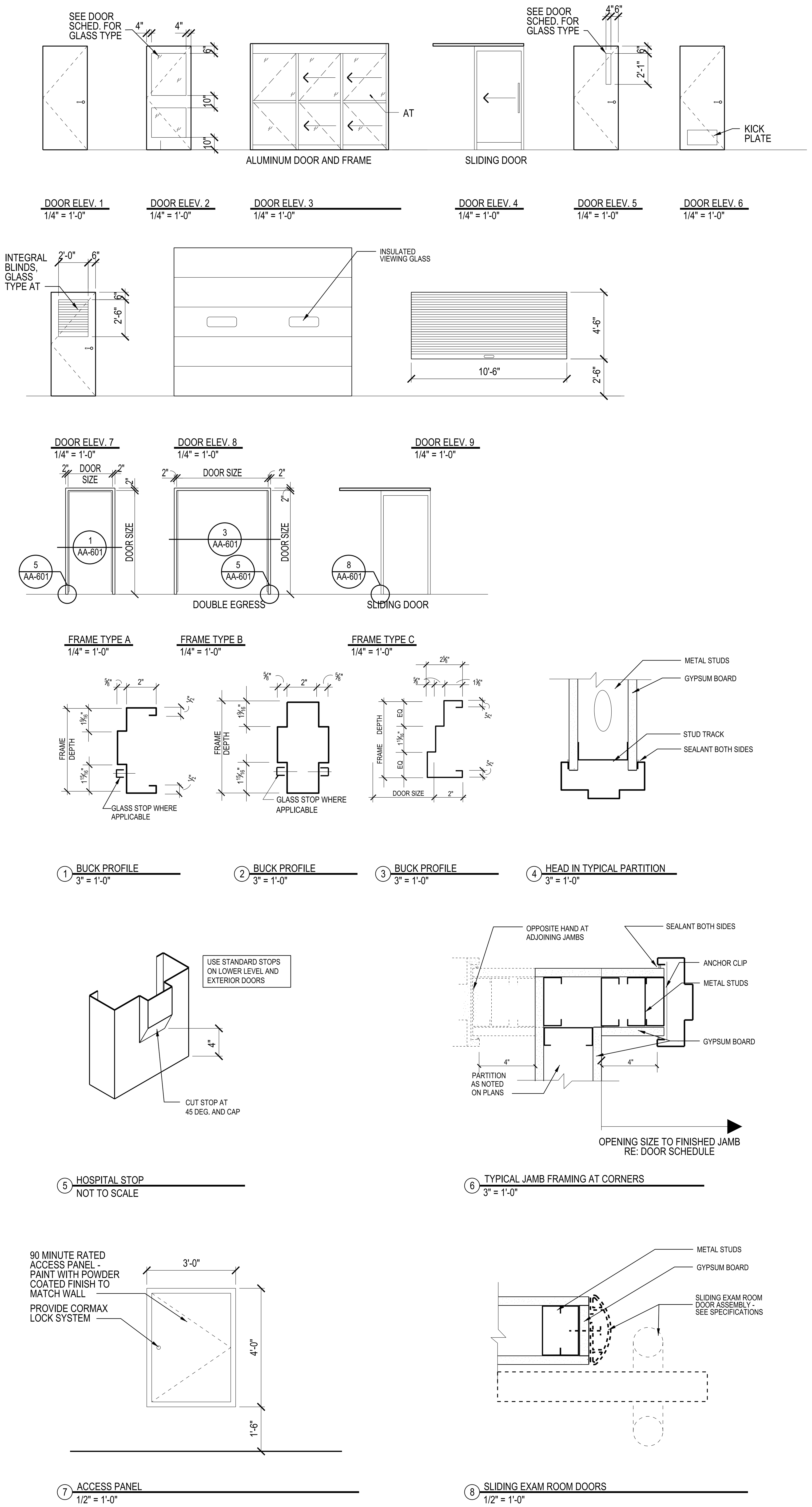
Location
ICVA HEALTH CARE SYSTEM

Building No. **BLDG 1**
Checked
Drawn **RD**

Date **12/15/2014**
Project No. **636-201**
DRAWING NO. **1-A24**

Office of Facilities
Department of Veterans Affairs

VA FORM 08-6231, FEB. 1983



DOOR SCHEDULE

DOOR NO.	ROOM NAME	ELEV.	MAT'L	DOOR WIDTH	HEIGHT	LABEL	GLASS TYPE	HRDWR GROUP	FRAME MAT'L	ELEV.	REMARKS
BASEMENT LEVEL											
BCP01A	SOUTH ENTRY LOBBY	2	AL	7' - 0"	7' - 0"		IGT	D04-B	AL	A	DOUBLE DOOR
BCP01B	SOUTH ENTRY LOBBY	1	HM	7' - 0"	7' - 0"	90 MIN		X04-F	HM	A	DOUBLE DOOR
BW200	ELECTRICAL ROOM	1	HM	3' - 0"	7' - 0"			S03-S	HM	A	
BW201	COMMUNICATIONS	1	HM	3' - 0"	7' - 0"			D02	HM	A	
BW202A	MECHANICAL ROOM	1	HM	7' - 0"	7' - 0"	90 MIN		S04-S	HM	A	DOUBLE DOOR
BW202B	MECHANICAL ROOM	1	HM	6' -0"	7' - 0"	90 MIN		X04	HM	A	DOUBLE DOOR
BW204	PHARMACY CACHE	1	HM	3' -0"	7' -0"			S02-E	HM	A	
LEVEL 01											
1C05A	CORRIDOR	1	HM	3' - 0"	7' - 0"			D02	HM	A	
1C05B	CORRIDOR	1	HM	3' - 0"	7' - 0"			D02-R	HM	A	
1C06	CORRIDOR	1	HM	3' - 0"	7' - 0"			D03	HM	A	
1C07	CORRIDOR	1	HM	3' - 0"	7' - 0"			D03	HM	A	
1C09A	CORRIDOR	1	HM	3' - 0"	7' - 0"			C02	HM	A	
1C09B	CORRIDOR	1	HM	3' - 0"	7' - 0"			C02	HM	A	
1C09C	CORRIDOR	1	HM	3' - 0"	7' - 0"			C02	HM	A	
1C11A	CORRIDOR	1	HM	7' - 0"	7' - 0"	90 MIN		X05-M	HM	B	DOUBLE EGRESS, PART OF DEDUCT ALTERNATE 2
1C11B	CORRIDOR	1	HM	3' - 0"	7' - 0"	45 MIN		D03-G	HM	A	
1CP01A	CORRIDOR	5	HM	7' - 0"	7' - 0"		AT	D04-A	HM	A	DOUBLE DOOR, SMOKE RESISTIVE
1CP01B	CORRIDOR	1	HM	3' - 0"	7' - 0"	90 MIN		D03-F	HM	A	SMOKE RESISTIVE
1CP05	CORRIDOR	1	HM	7' - 0"	7' - 0"	45 MIN	1	D04-F	HM	A	DOUBLE DOOR
1CP06	CORRIDOR	2	AL	3' - 7"	7' - 0"	45 MIN	IGT	D03-E	AL	A	STOREFRONT GLAZING
1CW04A	ENTRY VESTIBULE	2	AL	7' - 0"	7' - 0"		IGT	D04-B	AL	A	DOUBLE DOOR, STOREFRONT GLAZING
1CW04B	ENTRY VESTIBULE	2	AL	7' - 0"	7' - 0"		IGT	K04-A	AL	A	DOUBLE DOOR, STOREFRONT GLAZING
1CW07	CORRIDOR	1	HM	7' - 0"	7' - 0"	90 MIN		X05-M	HM	B	DOUBLE EGRESS, SMOKE RESISTIVE
1ST06	STAIR	1	HM	3' - 6"	7' - 0"	90 MIN		X02-B	HM	A	
1W36A	ELIGIBILITY AND ENROLLMENT	7	WD	3' - 0"	7' - 0"		AT	C02	HM	A	NO INTEGRAL BLINDS IN VIEWING GLASS
1W36B	ELIGIBILITY AND ENROLLMENT	7	WD	3' - 0"	7' - 0"		AT	P01	HM	A	NO INTEGRAL BLINDS IN VIEWING GLASS
1W36C	ELIGIBILITY AND ENROLLMENT	7	WD	3' - 0"	7' - 0"		AT	C02	HM	A	NO INTEGRAL BLINDS IN VIEWING GLASS
1W36D	ELIGIBILITY AND ENROLLMENT	7	WD	3' - 0"	7' - 0"		AT	P01	HM	A	NO INTEGRAL BLINDS IN VIEWING GLASS
1W36E	ELIGIBILITY AND ENROLLMENT DESK	1	WD	3' - 0"	7' - 0"			C02	HM	A	
1W36F	ELIGIBILITY AND ENROLLMENT	9	SS	10' - 6"	4'-6"			--	--	--	CYLINDER TO MATCH OTHERS
1W38	PUBLIC TOILET	1	WD	3' - 0"	7' - 0"			T01-A	HM	A	OCCUPANCY INDICATOR
1W38A	PUBLIC TOILET	1	WD	3' - 0"	7' - 0"			T01-A	HM	A	OCCUPANCY INDICATOR
1W106	RECEPTION	1	WD	3' - 0"	7' - 0"	90 MIN		D02-A	HM	A	SMOKE RESISTIVE
1W106A	STAFF WORKROOM	1	WD	3' - 0"	7' - 0"			C01	HM	A	
1W106B	CALL CENTER	1	WD	3' - 0"	7' - 0"			C02	HM	A	
1W107A	WAITING	5	WD	3' - 0"	7' - 0"	90 MIN	AF	D03-G	HM	A	SMOKE RESISTIVE
1W107B	WAITING	5	WD	3' - 0"	7' - 0"	90 MIN	AF	D03-G	HM	A	SMOKE RESISTIVE
1W108	GROUP ROOM	1	WD	3' - 0"	7' - 0"			P01	HM	A	
1W109A	PROVIDER WORKROOM	1	WD	3' - 0"	7' - 0"			C02	HM	A	
1W109B	PROVIDER WORKROOM	1	WD	3' - 0"	7' - 0"			D02	HM	A	
1W109C	CLEAN/MEDS	1	WD	3' - 0"	7' - 0"	45 MIN		A01	HM	A	
1W109D	SOILED HOLDING	6	WD	3' - 0"	7' - 0"	45 MIN		P02	HM	A	
1W111A	PROVIDER EXAM 7	4	WD	3' - 6"	7' - 0"			SLD	AL	C	SLIDING DOOR
1W111B	PROVIDER EXAM 7	1	WD	3' - 0"	7' - 0"			T01	HM	A	THUMB LOCK ON EXT. SIDE
1W112A	PATIENT TOILET	1	WD	3' - 0"	7' - 0"			T01-A	HM	A	OCCUPANCY INDICATOR
1W112B	PATIENT TOILET	1	WD	3' - 0"	7' - 0"			T01-A	HM	A	OCCUPANCY INDICATOR
1W113A	PROVIDER EXAM 8	4	WD	3' - 6"	7' - 0"			SLD	AL	C	SLIDING DOOR
1W113B	PROVIDER EXAM 8	1	WD	3' - 0"	7' - 0"			T01	HM	A	THUMB LOCK ON EXT. SIDE
1W114A	RESIDENT EXAM 7	4	WD	3' - 6"	7' - 0"			SLD	AL	C	SLIDING DOOR
1W114B	RESIDENT EXAM 7	1	WD	3' - 0"	7' - 0"			T01	HM	A	THUMB LOCK ON EXT. SIDE
1W115A	PROVIDER EXAM 9	4	WD	3' - 6"	7' - 0"			SLD	AL	C	SLIDING DOOR
1W115B	PROVIDER EXAM 9	1	WD	3' - 0"	7' - 0"			T01	HM	A	THUMB LOCK ON EXT. SIDE
1W116A	RESIDENT EXAM 8	4	WD	3' - 6"	7' - 0"			SLD	AL	C	SLIDING DOOR
1W116B	RESIDENT EXAM 8	1	WD	3' - 0"	7' - 0"			T01	HM	A	THUMB LOCK ON EXT. SIDE
1W117A	PROVIDER EXAM 10	4	WD	4'-0"	7' - 0"			SLD	AL	C	SLIDING DOOR
1W117B	PROVIDER EXAM 10	1	WD	3' - 0"	7' - 0"			T01	HM	A	THUMB LOCK ON EXT. SIDE
1W118A	RESIDENT EXAM 9	4	WD	3' - 6"	7' - 0"			SLD	AL	C	SLIDING DOOR
1W118B	RESIDENT EXAM 9	1	WD	3' - 0"	7' - 0"			T01	HM	A	THUMB LOCK ON EXT. SIDE
1W119A	PROVIDER EXAM 11	4	WD	3' - 6"	7' - 0"			SLD	AL	C	SLIDING DOOR
1W119B	PROVIDER EXAM 11	1	WD	3' - 0"	7' - 0"			T01	HM	A	THUMB LOCK ON EXT. SIDE
1W220	CORRIDOR	5	HM	7' - 0"	7' - 0"	90 MIN	AF	X05-A	HM	A	DOUBLE DOOR
1W120A	RESIDENT EXAM 10	4	WD	3' - 6"	7' - 0"			SLD	AL	C	SLIDING DOOR
1W120B	RESIDENT EXAM 10	1	WD	3' - 0"	7' - 0"			T01	HM	A	THUMB LOCK ON EXT. SIDE
1W121A	PROVIDER EXAM 12	4	WD	3' - 6"	7' - 0"			SLD	AL	C	SLIDING DOOR
1W121B	PROVIDER EXAM 12	1	WD	3' - 0"	7' - 0"			T01	HM	A	THUMB LOCK ON EXT. SIDE
1W122A	RESIDENT EXAM 11	4	WD	3' - 6"	7' - 0"			SLD	AL	C	SLIDING DOOR
1W122B	RESIDENT EXAM 11	1	WD	3' - 0"	7' - 0"			T01	HM	A	THUMB LOCK ON EXT. SIDE
1W124A	RESIDENT EXAM 12	4	WD	3' - 6"	7' - 0"			SLD	AL	C	SLIDING DOOR
1W124B	RESIDENT EXAM 12	1	WD	3' - 0"	7' - 0"			T01	HM	A	THUMB LOCK ON EXT. SIDE
1W125	CLINIC COORDINATOR	7	WD	3' - 0"	7' - 0"		AT	E01	HM	A	
1W126A	CLEAN/MEDS	1	WD	3' - 0"	7' - 0"	45 MIN		A01-F	HM	A	
1W126B	CLEAN/MEDS	1	WD	3' - 0"	7' - 0"	45 MIN		A01-F	HM	A	
1W126C	SOILED HOLDING	6	WD	3' - 0"	7' - 0"	45 MIN		A01	HM	A	
1W127	CONSULT 1	7	WD	3' - 0"	7' - 0"		AT	E01	HM	A	
1W129	CONSULT 2	7	WD	3' - 0"	7' - 0"		AT	E01	HM	A	
1W130	CONSULT 3	7	WD	3' - 0"	7' - 0"		AT	E01	HM	A	
1W131	CONSULT 4	7	WD	3' - 0"	7' - 0"		AT	E01	HM	A	
1W133A	RESIDENT EXAM 1	4	WD	3' - 6"	7' - 0"			SLD	AL	C	SLIDING DOOR
1W133B	RESIDENT EXAM 1	1	WD	3' - 0"	7' - 0"			T01	HM	A	THUMB LOCK ON EXT. SIDE
1W134	PATIENT TOILET	1	WD	3' - 0"	7' - 0"			T01-A	HM	A	OCCUPANCY INDICATOR
1W135A	RESIDENT EXAM 2	4	WD	3' - 6"	7' - 0"			SLD	AL	C	SLIDING DOOR
1W135B	RESIDENT EXAM 2	1	WD	3' - 0"	7' - 0"			TO1	HM	A	THUMB LOCK ON EXT. SIDE
1W136A	PROVIDER EXAM 1	4	WD	4' - 0"	7' - 0"			SLD	AL	C	SLIDING DOOR
1W136B	PROVIDER EXAM 1	1	WD	3' - 0"	7' - 0"			T01	HM	A	THUMB LOCK ON EXT. SIDE
1W137A	RESIDENT EXAM 3	4	WD	3' - 6"	7' - 0"			SLD	AL	C	SLIDING DOOR
1W137B	RESIDENT EXAM 3	1	WD	3' - 0"	7' - 0"			T01	HM	A	THUMB LOCK ON EXT. SIDE
1W138A	PROVIDER EXAM 2	4	WD	3' - 6"	7' - 0"			SLD	AL	C	SLIDING DOOR
1W138B	PROVIDER EXAM 2	1	WD	3' - 0"	7' - 0"			T01	HM	A	THUMB LOCK ON EXT. SIDE
1W139A	RESIDENT EXAM 4	4	WD	4' - 0"	7' - 0"			SLD	AL	C	SLIDING DOOR
1W139B	RESIDENT EXAM 4	1	WD	3' - 0"	7' - 0"			T01	HM	A	THUMB LOCK ON EXT. SIDE
1W140A	PROVIDER EXAM 3	4	WD	3' - 6"	7' - 0"			SLD	AL	C	SLIDING DOOR
1W140B	PROVIDER EXAM 3	1	WD	3' - 0"	7' - 0"			T01	HM	A	THUMB LOCK ON EXT. SIDE
1W141A	RESIDENT EXAM 5	4	WD	3' - 6"	7' - 0"			SLD	AL	C	SLIDING DOOR
1W141B	RESIDENT EXAM 5	1	WD	3' - 0"	7' - 0"			T01	HM	A	THUMB LOCK ON EXT. SIDE
1W142A	PROVIDER EXAM 4	4	WD	3' - 6"	7' - 0"			SLD	AL	C	SLIDING DOOR
1W142B	PROVIDER EXAM 4	1	WD	3' - 0"	7' - 0"			T01	HM	A	THUMB LOCK ON EXT. SIDE
1W143A	RESIDENT EXAM 6	4	WD	3' - 6"	7' - 0"			SLD	AL	C	SLIDING DOOR
1W143B	RESIDENT EXAM 6	1	WD	3' - 0"	7' - 0"			T01	HM	A	THUMB LOCK ON EXT. SIDE
1W144A	PROVIDER EXAM 5	4	WD	3' - 6"	7' - 0"			SLD	AL	C	SLIDING DOOR
1W144B	PROVIDER EXAM 5	1	WD	3' - 0"	7' - 0"			T01	HM	A	THUMB LOCK ON EXT. SIDE
1W145	EQUIPMENT STORAGE	6	WD	3' - 6"	7' - 0"			S02-D	HM	A	
1W146A	PROVIDER EXAM 6	4	WD	3' - 6"	7' - 0"			SLD	AL	C	SLIDING DOOR
1W146B	PROVIDER EXAM 6	1	WD	3' - 0"	7' - 0"			T01	HM	A	THUMB LOCK ON EXT. SIDE
1W147A	SOILED HOLDING	6	WD	3' - 0"	7' - 0"	45 MIN		A01	HM	A	
1W147B	CLEAN/MEDS	1	WD	3' - 0"	7' - 0"	45 MIN		A01	HM	A	
1W147C	PROVIDER WORKROOM	1	WD	3' - 0"	7' - 0"			D02	HM	A	
1W147D	PROVIDER WORKROOM	1	WD	3' - 0"	7' - 0"			C02	HM	A	
1W148A	STAFF TOILET	1	WD	3' - 0"	7' - 0"			T01-A	HM	A	OCCUPANCY INDICATOR
1W148B	PUBLIC TOILET	1	WD	3' - 0"	7' - 0"			T01-A	HM	A	OCCUPANCY INDICATOR
1W150	ELECTRICAL	1	WD	3' - 0"	7' - 0"			S02	HM	A	
1W151	STAFF LOUNGE	1	WD	3' - 0"	7' - 0"			A01	HM	A	
1W153A	MULTIDISCIPLINARY TEAM ROOM	1	WD	3' - 0"	7' - 0"			C01	HM	A	
1W153B	MULTIDISCIPLINARY TEAM ROOM	1	WD	3' - 0"	7' - 0"			C01	HM	A	
1W154	HOUSEKEEPING	1	WD	3' - 0"	7' - 0"			S02	HM	A	
1W200A	PUBLIC TOILET	1	WD	3' - 0"	7' - 0"			T02-F	HM	A	OCCUPANCY INDICATOR, SMOKE RESISTIVE
1W200B	TRIAGE	1	WD	3' - 0"	7' - 0"			C01	HM	A	
1W200C	TRIAGE	1	WD	3' - 0"	7' - 0"	90 MIN		C01	HM	A	SMOKE RESISTIVE
1W200D	TRIAGE	1	WD	3' - 0"	7' - 0"			C01	HM	A	SMOKE RESISTIVE
1W201	RECEPTION	1	WD	3' - 0"	7' - 0"			C02-F	HM	A	SMOKE RESISTIVE
1W202	GYN EXAM ROOM 1	1	WD	3' - 6"	7' - 0"			P01-W	HM	A	
1W204	EXAM 6	1	WD	3' - 6"	7' - 0"			P01-W	HM	A	
1W205A	PROVIDER WORKROOM	2	WD	3' - 0"	7' - 0"		AT	P01-B	HM	A	180 DEGREE HINGES, NO CLOSER
1W205B	PROVIDER WORKROOM	2	WD	3' - 0"	7' - 0"		AT	P01-B	HM	A	NO CLOSER
1W206	EXAM 7	1	WD	3' - 6"	7' - 0"			P01-W	HM	A	
1W208	MEDS	1	WD	3' - 6"	7' - 0"			D02	HM	A	
1W209	TRAUMA ROOM	3	AL	9' - 0"	7' - 0"		AT	ICU	AL	--	3-PANEL SLIDING DOOR
1W210	PATIENT TOILET	1	WD	3' - 0"	7' - 0"			T01-A	HM	A	
1W211	EXAM 8	1	WD	3' - 6"	7' - 0"			P01-A	HM	A	
1W212	EXAM 9	1	WD	3' - 6"	7' - 0"			P01-A	HM	A	
1W213	LINEN	1	WD	3'-0"	7' - 0"			A01	HM	A	
1W214	EQUIPMENT ROOM	1	WD	3' - 6"	7' - 0"	45 MIN		S02-F	HM	A	
1W215	EXAM 1	3	AL	9' - 0"	7' - 0"		AT	ICU	AL	--	3-PANEL SLIDING DOOR
1W216	PSYCH EXAM 2	1	WD	3' - 6"	7' - 0"			P01-D	HM	CASED	ANTI-LIGITURE HARDWARE, CASED FRAME, WICKET DR.
1W217	EXAM 3	3	AL	9' - 0"	7' - 0"		AT	ICU	AL	--	3-PANEL SLIDING DOOR
1W218	EXAM 4	3	AL	9' - 0"	7' - 0"		AT	ICU	AL	--	3-PANEL SLIDING DOOR
1W219	EXAM 5	3	AL	9' - 0"	7' - 0"		AT	ICU	AL	--	3-PANEL SLIDING DOOR

DOOR SCHEDULE

DOOR NO.	ROOM NAME	ELEV.	MAT'L	DOOR WIDTH	HEIGHT	LABEL	GLASS TYPE	HRDWR GROUP	FRAME MAT'L	ELEV.	REMARKS
1W220	DECONTAMINATION VESTIBULE 1	5	HM	7' - 0"	7' - 0"		IGT	K05	HM	A	DOUBLE DOOR
1W220A	DECONTAMINATION VESTIBULE 2	5	HM	7' -0"	7' -0"	90 MIN	AF	X05-A	HM	A	DOUBLE DOOR
1W221A	AMBULANCE GARAGE	1	AL	3' - 0"	7' - 0"			S03-E	AL	A	
1W221B	AMBULANCE GARAGE	8	AL	12' - 0"	10' - 0"			OHD	--	--	SECTIONAL DOOR
1W221C	AMBULANCE GARAGE	1	AL	3' - 0"	7' - 0"			D03-D	AL	A	
1W221D	AMBULANCE GARAGE	8	AL	12' - 0"	10' - 0"			OHD	--	--	SECTIONAL DOOR
1W221E	DECONTAMINATION STATION 2	1	HM	3' - 0"	7' - 0"			P02-B	HM	A	
1W221F	DECONTAMINATION STATION 1	1	HM	3' - 0"	7' - 0"			P02-B	HM	A	
1W221G	EQUIPMENT STORAGE	1	MS	3' - 0"	7' - 0"			BO	HM	--	WIRE MESH GATE
1W222	PATIENT TOILET	1	WD	3' - 0"	7' - 0"			T01-A	HM	A	OCCUPANCY INDICATOR
1W223	OBSERVATION ROOM 2	1	WD	3' - 6"	7' - 0"			P01-A	HM	A	
1W225	SOILED HOLDING	1	WD	3' - 0"	7' - 0"	45 MIN		A01	HM	A	
1W226	OFFICE, DIRECTOR	1	WD	3' - 0"	7' - 0"			E01	HM	A	
1W227	CLEAN SUPPLY	1	WD	3' - 0"	7' - 0"	45 MIN		A01	HM	A	
1W228	STAFF LOUNGE	1	WD	3' - 0"	7' - 0"			P01	HM	A	
1W229	HOUSEKEEPING	1	WD	3' - 0"	7' - 0"			S03-S	HM	A	180 DEGREE HINGES
1W230A	ON CALL	1	WD	3' - 0"	7' - 0"			H02	HM	A	
1W230B	ON CALL	1	WD	3' - 0"	7' - 0"			T01	HM	A	
1W231	STAFF TOILET	1	WD	3' - 0"	7' - 0"			T01-A	HM	A	OCCUPANCY INDICATOR
1W232	STORAGE	1	WD	3' - 0"	7' - 0"			S02	HM	A	
1W233	ELECTRICAL	1	WD	3' - 0"	7' - 0"			S02	HM	A	
1W234	COMMUNICATIONS	1	WD	3' - 0"	7' - 0"			S02	HM	A	
1W235	ELEVATOR LOBBY	5	HM	7' - 0"	7' - 0"		AT	S04-M	HM	A	DOUBLE DOOR, SMOKE RESISTIVE
1W236	MECHANICAL CHASE	1	HM	2' - 0"	7' - 0"	90 MIN		S03-F	HM	A	
LEVEL 02											
2W205	MECHANICAL PENTHOUSE	1	HM	3' - 0"	7' - 0"			S02-E	HM	A	SILL 7" ABOVE SLAB
LEVEL 03											
3W19B	CHAPLAIN WORKSTATIONS	1	WD	3' - 0"	7' - 0"			E02	HM	A	
3W19C	CHAPLAIN WORKSTATIONS	1	WD	3' - 0"	7' - 0"			P01	HM	A	
3W19D	COUNSELING ROOM	1	WD	3' - 0"	7' - 0"			E01	HM	A	
3W19E	CHAPEL	1	WD	7' - 0"	7' - 0"			P04	HM	A	DOUBLE DOOR
3W19F	AV / STORAGE	1	WD	3' - 0"	7' - 0"			S02-S	HM	A	
3W19G	AV / STORAGE	1	WD	3' - 0"	7' - 0"			S02	HM	A	
3W19H	JEWISH PRAYER	1	WD	3' - 0"	7' - 0"			P01	HM	A	
3W19I	MEDITATION	1	WD	3' - 0"	7' - 0"			P01	HM	A	

GLASS TYPE	DOOR TYPE
AT: CLEAR TEMPERED GLASS	WD: WOOD
AL:LAMINATED GLASS	AL: ALUMINUM
AF: FIRE RATED GLASS	HM: HOLLOW METAL
IG: INSULATED GLASS	MS: METAL SCREEN
IT: INSULATED GLASS TEMPERED	SS: STAINLESS STEEL

1 Amendment #A00003	03/12/2015		
Revisions	Date	Revisions	Date

HEERY design

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project number 11-25503

Drawing Title: **DOOR DETAILS AND SCHEDULE**

CONSTRUCTION DOCUMENTS

Project Title: **EXPAND BLDG. 1 FOR PACT AMBULATORY CARE & RADIOLOGY**

Date: **12/15/2014**

Project No.: **636-201**

Building No.: **BLDG 1** | Checked | Drawn: **RD**

Drawing No.: **1-A29**

Location: **ICVA HEALTH CARE SYSTEM**

Office of Facilities

Department of Veterans Affairs

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